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Agricultural.

WHAT IS THE VALUE OF GREASE AND WRINKLES?

Those matters which in business affairs are purely whims, cannot be expected to hold a permanent place in any line. We think it is safe to place the grease and the wrinkles of the Merino sheep in this cate gory. So far as we know, although it mu t be admitted that the more wrinkles and the more grease these sheep now have the more valuable they are to sell as breeders, because it is the decree of fashion; these things pos-sess no real value whatever. If a wool can sess no real value whatever. If a wool is not produced of the same length and finence s, and general good qualities on a smoo h sheep, it would be unquestionably a gain. Spinners of wool surely have no use for the grease and dirt that is bought in wool, and grease and dirt that is bought in wool, and stake they are the ones who place the price upon the wool their opinions on such a point are of prime importance to the sheep inter-ests. A correspondent of an exchange makes the following remarks and sugges-

The course so long followed by most of the Merino sheep breeders has had its certain result upon the wool market. Manufacturers have become sick and tired of purchasing grease and dirt. During the past season such wools as were taken from the very fashionable strains of so many years and which consisted of an immense amount of yolk and grease held together by a modest quantity of wool, have been neglected at from two to five cents per pound less than these not near so fine, but open and having a much smaller proportion of waste. It is not that the fine wool is not wanted, but that the user wants wool more than offal. We are evidently on the eve of better times for the sheep growers, and is not this a capital time for Merino breeders to consider the not breed for fewer wrinkles, less grease and more wool? I am glad that a few breeders are looking in this direction, and breeders are looking in this direction, and that such wools are being sought for at the highest price. I hope the judges at all fairs will discriminate largely in favor of long, clean staple in weighing Merino. The Merino is a noble sheep, the pride of the American breeder, but there is no reason why he cannot be greatly improved, if bred with this end in view.—J. B. Woodward, in N. T. Tribune.

If the grease and wrinkles in Merino sheep were purely whims, as Mr. Woodward seems to suppose, does it not strike him that those who have been breeding them for the past forty years would have discarded them long ago? It is nearly a certainty that Mr. Woodward never was a sheepbreeder. Had he been, his abuse of grease and wrinkles would have ceased long ago. In theora these plain sheep are all out to start a flock with he will find he can always buy them cheap from an old breeder. Why? Because a, plain sheep, with bare bellies and legs, and a positive failure if the breeder does not change his course before it is too late, and introduce into his flock heavy-folded, oily rams. This is no theory—it is a fact that the experience of hundreds of wool-growers in this State and others will verify. It is a fact which the superintendent of the noted Rambouillet flock of France learned from a most costly experience. As to size, the Merino has increased as much in weight of carcass as in weight of fleece. The rams of the original Spanish Merino averaged in full fleece about 100 lbs., and the ewes about 70 lbs. They had few folds or wrinkles, and sheared four or five lbs. of wool per head. To-day good Merino rams will average, in full fleece, from 130 lbs to 150 lbs., and the ewes 95 to 110 lbs. They have more folds and wrinkles, and shear more than three times the amount of wool they originally did. And breeders have accomplished this in the face of determined opposition from those who favor the smooth sheep. You can get a fairly well set fleece

pay the wool-grower for its keep. The wrinkles show breeding, and can be got rid of in a very short time, but it will be at the expense of the best qualities of your flock. How few breeding ewes are very wrinkly? Even when bred from the most wrinkly rams it is seldem they have an excess. Rams are different in this respect, and it is well they are, as it enables those who feel like following Mr. Woodward's ideas to get back to a solid foundation again after they have concluded the experiment has gone far enough. And these greasy fleeces, Mr. Woodward; are better wool, the staple nore even and stronger through the protecting influence of the oil, than the dry, white, loose fleece, devoid of quality or style, which would be common were your advice followed.

THE PRACTICAL, VS. ESTHE-

TICISM. In a recent number of the N. Y. Tribune, there appeared an extract taken from the Springfield Republican on "The Brushy Roadside," that was a sample of the sentimental grist annually sent out to tutor farmers up to an appreciation of what is considered real beauty along a country drive. It says: "A country road should not be like a park drive. In the open country, whether valley or mountain, there is nothing more pleasing to the eye than the brushy roadside where birches, poplars, sumacs, and elders and the rest, grow as the Lord lets them." Then follows a long list of creeping vines, which the writer would have climbing over the walls and fences to make a walk or drive "a rare delight." He speaks of the "vicious enmity" which farmers seem to have for such natural growths. This kind of sentiment is applauded and copied, as conveying the right kind of teachings for country people, because it makes a contrast from "park drives," and furnishes a splendid resort for picnies, and unlimited trespass. The farmer's side of the question is seldom

heard. The "vicious enmity" exhibited, when he grubs out the elders, sumacs, and the rest, is attributed to pure wantonness, or to a desire only to keep the help busy; but the neighbors, who have country tastes, and practical ideas, say he is "slicking up" and improving the farm. This usually happens upon a change of ownership. The former easy proprietor allowed the vines to rot down his fence, the "elders, sumacs, and the rest," to spread from the fend corners and gradually extend into the cultivated field or meadow, to such an extent along all his borders, that his neighbors call him "slack," but city people admire the lack of that "vicious enmity" which restrains wild nature, and call him 'esthetic." Now this kind of estheticism on the farm will not fill barns with hay for winter, nor restrain the stock in summer, for a "glorious bush," that makes a walk or drive a "rare delight," does not impress a hungry steer with its sacredness as a barrier, nor as a thing of beauty, especially when some succulent herbage is growing just beyond it. I have known farms to run down, the farmer to lose his credit, and his children to get ragged, where "glorious bushes" and vines ranged along the whole roadside and bordered his line fences, where birches, elders and sumacs grew as the Lord let them-all because he lacked that "vicious enmity" which should have cut them down, or plowed the place to raise potatoes and tall

corn. As the farm ceases to pay and assumes a forsaken air, in that degree the rusticating city editor measures its value. He asserts that "nature has some rights." This I admit, but not the right to dominate in fence corners along the roadside. Back in the bush pasture we enjoy such sights, as well as city people, and any tidy farmer would delight to open his gate and let them go down his lane to where nature is unrestrained. I argue that nature has no right from the center of the road to the limit of the cleared land. It is begging the question to say "as the Lord lets them." I find occasionally a dozen Canada thistles right, but if a person begins selecting them growing vigorously on my farm, and the Lord would let them grow doubtless, but I wont. Elder bushes in the fence corners are a constant pest. Not two weeks ago little oil, means light brashy wool, I exhibited that "vicious enmity" which the Springfield Republican man rails against, by spending an hour on a wet morning, pulling out elder bushes, roots and all, and this I submit to those who are not too esthetic to adopt it, as the best way to destroy them. The farmer must make a persistent warfare against nature, or vagrant

should get a touch of that "enmity" which uproots them. I believe in roadside trees, and live on street which exhibits my faith them. From the little town two miles away to my farm. each side of the road is bordered by a continuous line of hard maple trees, 30 to 40 feet high and, as I look out upon them, e ich appears as a conical bouquet of color. Beyond me, for nearly two miles farther, trees predominate along the road, but there are neither elders nor sumacs, nor creepers on the fences, nor would they be allowed there a moment. I have seen a lot on a plain sheep provided he is bred from a of good-for-nothing country, that would dewrinkly one, but follow it up for one or light the eyes of these impractical theorists. two generations, and your flock may suit a There were bosky banks, sylvan shades, theorist like Mr. Woodward, but it will not tangled groves and all that, and besides,

weeds and bushes would usurn his domain.

Anything that has a tendency to sprout and

spread like elders, sumac, ailanthus, silver

leaf maple, locust and kindred scourges

blackberry bushes, and brakes, and prickly ash, and green briar enough to tear pretty tough pantaloons, and all this for sale cheap, because nobody wanted it, even to look at; and yet these men would have us simulate such forsaken appearance, and try and make us believe it is cultivated taste. I hope farmers everywhere will have sense enough to say to unrestrained nature, and to these itinerant tourists. "hands off." We will control within our little domain according to our ideas of beauty, propriety, and profit, and set our groves and shade trees near the house and along the roadside, in accordance with country taste and with some practical ideas of utility.

WOOL TRADE OF THE ARGEN-TINE REPUBLIC.

From a report of the American Consul at Buenos Ayres we take the following interesting statements regarding the wool trade of that country, which has recently become an important competitor with the United States and Australia in the production of fine wools. The report says;

"The wool season of 1885-86, which is just now closing in the Argentine Republic, already exhibits a large deficit on the returns of the previous year. The following figures, which have been made up by one of the leading wool brokers of this market, show the exports from the port of Buenos Ayres from October 1 to July 15 of each season,

respectively	•									1884-5.
Destination.	*									Bales.
France										152,336
Belgium										84,862
Germany										57,321
United States	8.									4,626
England										8,833
Italy										5,555
Other places										1,694
(Boto)										045 445

"The total clip of 1884-'85 amounted to 818,860 bales, all of which, except 3,713 bales, had gone forward by the 15th of July, while the shipments of 1885-'86 up to the 15th of July reach only to 284,186. If we make an allowance of 5,000 bales as the balance of the latter clip which remains to be shipped—a figure which is regarded as rather over the amount-it will be seen that the total clip shows a deficit of about 30,000 bales. The deficit in reality, however, is much larger than this, as every year heretofore there has been an average balance of 20,000 bales carried from one clip to the next, while this season there is no stock whatever on hand, so that the actual deficit is upwards of 50,000 bales, equal to upwards

of 30,000,000 pounds.

THE NEXT WOOL CLIP. "In regard to the approaching wool clip (1886-'87) the prospect is still more unpromising. It is thought that there will be fully 75,000 bales less than the figures of 1884-'85. The reasons for this opinion are based on the fact that the winter, which is just now closing in the province of Buenos Avres the principal seat of the pastoral industry in the Argentine Republic, has been the severest on the cattle and sheep which has occurred in many years. The rains of the first part of the season, causing floods over an unusually large portion of the province, and the heavy frosts and freezing which have occurred since, have made terrible havor among the flocks and herds. The losses from these causes are not confined to one locality, but are general. The number of animals which have died in consequence of the severity of the weather are estimated at 13,000,000, and valued at \$17,958,000.

"The last census put the number of sheep in this province at 69,000,000; and as the usual net increase is about 20 per cent per annum, making allowance for the animals killed for food, it will be seen that the increase in the flocks this year will be reduced by the last winter's losses to an almost nominal figure.

FATAL DISEASE AMONG THE FLOCKS. "But the floods and the frosts are not the only troubles which the sheep farmers are just now contending against. Whilst these have been doing the work of destruction, a very singular and fatal disease is now also devastating the flocks. The nature of the malady is not understood, but it seems to be the result of worms in the throat and lungs, and it is said to be fatal to every animal it attacks. Some flocks, which safely scaped the floods, have been more than deciminated by this singular disease, and its ravages are still going on. Besides this. the foot-rot on nearly all the inside 'camps' is unusually prevalent, in some cases whole flocks being scarcely able to walk. And the scab, which is now spreading all over the country, and which, in the absence of any scab law, attacks even the best cared for flocks, assists, with the other causes I have nentioned, to make the sheep and wool interest of the Argentine Republic in a decidedly unsatisfactory condition. For the reaons here given, the deficit in the approaching wool clip of the Argentine Republic, it is predicted, will be upwards of 75,000 ales, or about 45,000,000 pounds."

MR. D. L. CAMPBELL, of Royal Oak, says he has rid his sheep of ticks, and his cattle of lice, by using Persian Insect Powder. It should be fresh.

Ann Arbor Courier: Henry Twamley, of ter, have gone to London, Canada, to purchase a car of Shropshire sheep, and expect to return with as fine a lot of them as can be

FRAUDULENT JERSHY PEDI-GREES.

In the weekly issue of the Jational Live

Stock Journal we find the following:
"Seth L. Hoover, of Columbus, Ohio, has been expelled from the American Jersey Cattle Club, charged with registering grade animals as pure breds. Our old readers will remember that in May, 1882, we published a list of 43 Jerseys whose pedigrees were dropped from the A. J. C. C. Register, on account of fraudulent entries which had been reade by means of formed. C. Register, on account of fraudulent entries which had been made by means of forged signatures. At a meeting of breeders of Jersey cattle held in this city March 8, 1883, Mr. W. S Taylor, one of the directors of the American Jersey Cattle Club, produced the papers to show that the signatures were forged by Geo. M. Hoover, who is a brother of the Seth L. Hoover mentioned above. So far as we could learn there brother of the Seth L. Hoover mentioned above. So far as we could learn there was nothing then to show that Seth L. Hoover was implicated with his brother, and we stated that we believed him to behonest. Since then we have become convinced we were mistaken in our estimation of him, and we are not at all surprised to hear that he has been found guilty of fraud and excelled. and expelled.
"At the time, we claimed it was the duty

of the directors to publish the result of their investigations in the case of Geo. M. Hoover as a matter of protection for the public. As it was, he could continue in the business and record stock in the name of his wife. Mrs. B. A. Hoover, who is well as the second continue in the business and record stock in the name the business and record stock in the name of his wife, Mrs. R. A. Hoover, who is, we hear, with her husband, a party to the fauds just exposed. It now remains to be seen how many of the pedigrees which have passed through the hands of these three are fraudulent. Doubtless a careful examination will be made and the list published."

Over a year ago we learned that the Jersey Cattle Club was engaged in investigating the transactions of Mr. S. L. Hoover, and it was said by the party from whom we got the information that as soon as the Club was in possession of proof sustaining the charges of fraud the whole matter should be made public. Since that time rumors have been floating around regarding this matter, but no authoritative statement has yet been made by the Club. As sufficient time has elapsed to enable the Club to investigate the matter thoroughly, and having failed to do what we deem was their duty, we publish the article from the Jour nal as a warning to those in Michigan who are interested in Jersey cattle. In this connection we cannot refain from saying that in our opinion the Club has been derelict in its duty to the public in this matter, and that its attempt to hush up such frauds is a sure and certain means of destroying the confidence of the public in the records published by it. It should be the policy of all associations to give the public prompt and early warning of fraud or attempted fraud upon the part of a breeder or dealer, and they are neglecting their duty when they do less than this. The action of the Shorthorn Breeders' Association in the case of the Mitchell Brothers, of this State, was in strong contrast to the action of the Jersey Cattle Club in the three cases mentioned above, in April. The Northwest province and well as a strong argument in favor of the utility and honesty of the records published by it. Let the Jersey breeders insist upon like action when a fraud is discovered, if they wish to keep their records free from

REMARKABLE IF IT WERE ONLY TRUE.

The Country Gentleman, one of our most valued agricultural exchanges, has had a correspondent writing up the Jewett Stock Farm, near Aurora, N. Y. As Michigan people are interested in knowing something about this stock farm, as it is the home of the greatest stallion ever bred in this State, we looked over the article to see if it contained anything new. It did. Some of the state ments were so surprising that they deserve being placed on record. The correspondent

"Here is kept the famous Jerome Eddy "Here is kept the famous Jerome Eddy. They paid \$25,000 for him when he was a colt, and one can judge whether it was a good investment or not, when I say that he brings in an income of about \$12,000 a year, kept for stock purposes alone. He is very fast, easily making a mile in 2:16% without training."

Here are new laurels for Eddy. Sold for \$25,000 as a colt! Easily making a mile in 2:161/4 without training!! We would like to know where all this information came from? How old has a colt to be before he become a horse? And how could a horse go through a couple of campaigns on the turf withou training? There never was a horse foaled which could go a mile in 2:161/2 without training. Jerome Eddy was dropped in 1875, and is therefore eleven years old. He was sold by Dewey & Stewart, who bred him, in 1883, so that he was eight years old when he became the property of Mr. H. C. Jewett. His best time, 2:16%, was made at Buffalo in 1883, in a contest with Black Cloud. It was after that race that he passed into Mr. Jewett's hands. That correspondent must be a Polled Angus or a Jersey Red man, to write such nonsense about a horse so well known to everybody who ever read anything about the great American trotter.

Great Depression in the Price of Indian Wheat.

The future of Indian wheat, says the British Mail, is the question of the hour for wheat growers in Europe and America, and there are indications that the attention of the farmers of Australia is likely to be directed to the consideration of the problem more closely than they will care for. Two vessels have landed 500 tons of wheat each in Australia from India, and 1,000 tons more are following. There is no doubt that the wheat resources of India are enormous, and that, with the lowest-priced labor in the world and a splendid soil, grain can be produced at a price which few countrie can hope to rival. The extension of railways and the low freights which have prevailed during the last three or four years have opened the eyes of merchants and growers in India to the possibilities that lie before them, and the problem of the hour in the trade is how much wheat is India likely to put on the market year by year, and can she continue to send it at the ruinously low prices which have recently prevailed? The alarm of wheat-growers is not groundless. Ten years ago India was exporting about one million cwt. of wheat a year; how she is exporting twenty million cwt., and she is doing that and making a profit when farmers everywhere else are in

consternation at the price at which they

have to sell.

The chief secret of India's ability to undersell her competitors is the nominal wage for which the rvot will work. Sir Jame Caird says that an Indian family of four can live comfortably on £5 6s. a year, and clothe themselves for 30s more. An American, writing from India a month or two ago, said that twenty-five farm coolies cost no more for wages there than ove farm hand does in the United States; in addition to which the Indian boards and lodges himself. The Chinaman has always seemed to the Yankee to have reached the lowest possible point in in cheap living, but this writer says that, as compared with the Hindoo, he cannot get a foothold. The tools used are of the cheapest and most primitive character. What passes for a plow is a rough wooden implement which simply tears up the ground. It costs 1s. 8d., and is drawn by a pair of bullocks, the average cost of which is 32s the two. The only other implement used is a clod-crusher, and this is merely an ordinary log of wood which is dragged by the bullocks sideways across the field. One of the most serious items in the cost of cultivation is watering the soil. This has to be done three times during the growth of a crop, and costs altogether about 10s, an acre. This is an item of cost which, with improved irrigation arrangements may be reduced. The total cost of cultivating an acre of wheat in the Punjab has been stated

to be as follows: Rent, per acre, 14s, 6d.; cartage of ma nure, 4s. 10d.; 150 lbs. of seed, 4s. 8 dd.; plowing twenty times, 3s. 13/d.; sowing by hand, 71/d.; watering three times, 10s.; reaping and carrying, 2s. 6d.; threshing, 1s. 51/d.; winnowing, 31/d.—total £2 1s. 111/d. On good irrigated land the crops average about 17 bushels per acre. On ordinary dry pand 10 bushels is the average. Two crops are got in a year—one in October and the other tricts. They comprise an area of more than 100,000 square miles of excellent soil. Last year the total area devoted to growing wheat in the whole of India was 27,820,223 acres. which produced close upon 300,000,000 bushels. It has been contended in some quarters that as India has with full crops only been able to export about one-sixth or one-seventh of her production, she is not likely to glut the markets of the world to any serious extent. The fact, however, seems to be overlooked that India is only just developing facilities for getting its wheat away from some of the most productive districts. More wheat has not been exported simply because it could not be got ports of shipment at a reasonable cost. In good years enormous quantities have been left to rot on the ground because there were not means of exportation. But once open up a market for the grain, and make it possible to reach it easily, and there is scarcely any limit to the quantity that can be produced. - U. S. Economist.

PLEURO-PNEUMONIA IN ILLI-NOIS.

On Monday and Tuesday of last week the Live Stock Sanitary Commission met in this city. All the members were present. President H. H. Hinds presented a full report of the result of his visit to Chicago the previous week, of which the following is a partial summary: He visited the infected districts and the quarantined distilleries. He saw animals in all stages of the disease. from those in apparent health to the dead animal, and witnessed some of the post mortems. All the veterinarians appear to agree that the disease is contagious pleuroaumonia. It was entirely apparent to Mr. Hinds that the sick cattle were suffering from acute lung trouble, and that the dead cattle had died from some lung plague; therefore he has no hesitancy in reporting the trouble as contagious pleuroneumonia. He also reports that the Stock Yards at Chicago are keeping a strict quarantine against all Chicago cattle, and have apparently a clean bill of health, no cattle being received there except by rail. As all the cattle of commerce which come to Michigan are from the Stock Yards, the danger of infection from that point is reduced to a

In view of the complications incident to the maintainance of a quarantine against Chicago, with all the great lines of traffic crossing Michigan, the Commission decided, upon the recommendation of the Governor.

to appoint a competent agent and practical prevents drouth. He drains his soil at a stockman to proceed to Chicago, carefully watch all shipments of cattle, and see that to Michigan.

FARMER TAXATION.

Mr. C. Boley, of Pittsford, Hillsdale County, requests the publication of the following list of articles upon which he alleges farmers have to pay a tax through the operations of the tariff. We give place to it will. ingly, merely eliminating all reference to political parties, which we cannot admit in our columns. The article says:

It will be wise for the farmers to take a glance at the articles upon which they are taxed, and the amount that they are com-pelled to pay. It will be observed that al-most every article that he uses is burdened with taxation. As against all this, he is promised a tax of two cents per pound on wool additional. The tariff on one suit of clothes would more than eat up all the bene-fit that the ordinary farmer could secure from any tariff that could be laid on wool. The farmer is unprotected and the monopo-

list is the gainer.	Look	at the figures.
Per C	ent.	op iron30
Animals	20 Ho	op iron30
Books	25 Ti	1
		ives and razors 50
Brushes	80 Fin	earms35
Cement		
		nd machinery 45
Cotton cloth	52 Le	ad
Cotton clothing	85 Ca	lf skins20
Stockings	40 Gl	oves50
Earthware	55 Le	ather man'fact'res.40
Crockery	55 Su	gar78
		lasses29
Jute	20 To	bacco70
Manilla rope	16 W	oolen clothing45
Flax thread & twin	10.40 Ca	rpets40
Bags and bagging.	40 La	dies' cloaks76
		oolen cloth89
Raisins	29 Dr	ess goods, part wool67
Furs	20 Kr	it goods58
Window glass54 t	o 158 Sh	awls59
Glassware	45 YE	rn68
Straw nats	30 Na	ils45
Steel rails	68	

SALT FOR WHEAT.

CANTON, Mich., Oct. 25, 1886. To the Editor of the Michigan Farmer.

I am a young farmer, and would like to know from some of the readers of the FARM ER when is the best time to put salt or wheat, new or in the spring? Also if it would do to put it in with the drill along with the grain, or sow it on the top of the Yours respectfully,

Salt can be used to advantage either way. We know of one farmer in this county who applies 150 lbs. of refuse salt to the acre. drilling it in with his wheat. He insists that no gots the post results now applying it in this manner. But most farmers who use salt apply it in the spring, and put it on at the rate of 200 to 400 lbs. per acre. It improves the straw, makes it stand up better, makes the grain plumper and cleaner, and is a great help during a dry year. It is er: also a splendid thing for insects, the salt driving them out of the ground, and thus farmers in Michigan, before we had any exand will stand as a warning to frauds as Oude are the chief wheat producing disseem to be affected by the salt, but many ant question of farm fencing. Some farmgrubs and worms are, and leave in disgust. ers, and especially those selling the right to You need not be afraid of applying the salt | build the fence (for it was a patent), claimtoo heavily if you do not exceed 500 lbs. per ed in boastful terms that one cord of bolts acre. Up to that amount it is perfectly safe. | would build forty rods of good fence; hence The refuse salt, or agricultural salt, as it is all our first fences were built very light and called, is better than the pure article.

A Line Fence.

CLARKSTON, Mich., Oct. 9, 1886. To the Editor of the Michigan Farmer.

Will you please tell me what constitutes a line fence. A wall made of stone, four feet on bottom, two and a half feet high on the top of the wall, would you consider a lawful line tence? Then another fence four rails high, with a rail across the corner, then stakes and a rider? If neither of these constakes and a rider? If neither of these constitutes a line fence I want to know what does. As I understand it a line fence should be 4½ feet high, but in regard to the tightness of it I don't understand the requirements. Should there be spaces of one, two or three inches? I want to clearly understand what constitutes a line fence. Please answer through the FARMER and oblige

Answer .- A lawful division fence, as defined by our Michigan statute, must be "four and one-half feet high, and in good repair, consisting of rails, timber, boards or stone walls, or any other combination thereof, all brooks, rivers, ponds, creeks, ditches, and hedges, or other things which may be considered equivalent thereto in the judgment of the fence viewers within whose jurisdiction the same may be." (Howell's Statutes, Sec. 796). A division fence ought to be high enough and strong enough to turn all farm animals of ordinary gentleness, but there are breachy cattle and horses which no ordinary lawful fence will restrain. It will be seen from the statute quoted that the question of the lawfulness of a division fence, beyond its height and the materials of which it may be built, is largely left to the discretion of the fence viewers, who are the pathmasters of the district. There is no retriction upon the materials used in erecting it, and a barbed wire fence is a lawful fence. if in the judgment of the fence viewers it is equal to the lawful requirements.

Experience With Ashes

President Smith, of Wisconsin, says, as reported in the N. Y. Tribune, that wood ashes are not only profitable as a fertilizer, but prevent drouth; if lerched, he uses twice the usual quantity. He manures heavily with fine compost on surface when ready to plant cabbage or small fruit. This, with frequent cultivation in dry weather,

cost of \$22.15 per acre. Potatoes " wing where 75 bushels of ashes per acre L been no diseased or exposed cattle are shipped applied, yielded four times as much as where none had been applied, He applied 100 bushels of ashes per acre for cabbages, and succeeded while his neighbors failed from drouth. Irrigation is profitable where not too expensive, but do not water at all unless you can water liberally. A little water simply crusts the soil, keeping out air and light dews and showers. Thirty thousand gallons per acre each week is none too much for cabbages, while strawberries need much more. An inch of water applied by hand will not do so much good as an inch of rainfall. His waterworks cost \$1,-000. He will enlarge them. Mr. Ohmer, by frequent cultivation among blackberries, secured 562 bushels from five acres during a

Wants to Know who is the Secretary.

drouth, while his neighbors failed.

ELSIE, Oct. 28, 1886. To the Editor of the Michigan Farmer.

DEAR SIR:-About a year age, I purchased five registered Merino ewes from the flock of J. W. Basley, of Greenbush, Clinton Co., as a foundation for a flock of thoroughbred sheep. These ewes are recorded in volumes one and two of the Michigan Merino Sheep Breeders' Register, and were with lamb by Emperor 268; bred by Wm. Ball and owned by Mr. Besley. Now I wish to have the lambs recorded, and desire the address of the Secretary of the above named Association, and the terms upon which the volumes of the Register may be obtained. I had been informed that Mr. W. J. G. Dean was the Secretary, and wrote him, inclosing stamp for reply, which I have never received, and therefore concluded that I must have been misinformed. Any information you can give me on the above subject, either through the columns of the FARMER or by letter, will be very thankfully received.

YOUNG SHEEP-BREEDER.

Answer .- The Secretary of the Association is Mr. W. J. G. Dean, of Hanover, Jackson Co., Mich. Perhaps your letter has miscarried. Better write him again, as he can answer your inquiries officially, and explain fully the requirements to insure registry.

Slat and Wire Pence.

posse to an impriry from an Ohle man as to the merits of the slat and wire fence, often recommended to farmers as solving the fence problem, C. H. Wines, of Chelsea, this State, gives his views, based on practical experience, in the Ohio Form

"My own feeling and that of many other proved very unsatisfactory. Our more sagacious stock, and especially cattle and hogs, learned the weak points of the fence.

"The spans from post to post being from twelve to sixteen feet they soon found they could lift with their noses the span and sway it, thus loosening it from the pode, then pigs would go under it and the go through it. When once this lesson is learned we found it a difficult matter to week vent their going where they pleased. If by any means the wire is broken it can never be repaired and become a sound fence again. When it needs repairing 'there is the rub;' what to do, and how to do it, is a question I've never been able to solve.

"At a later date, dear experience has taught us our mistakes and we have built up slats from three-fourths to one inch in thickness, six wires are used instead of four, and we are better pleased with results. Another improvement has been made by nailing slats over the wire to attach the fence to the posts, instead of using staples. The slat in a measure prevents the vibrating, caused by the wind when only fastened by staples, which often breaks the wire. My conch. sion after twelve years of experience of the whole matter is this: Since it requires six wires to build a good fence with slats, and only seven or eight barbed wires will build one less liable to need repairs and much easier to be repaired, that the latter will be the more profitable fence for the farmer to

GOVERNOR ALGER has appointed Wm. Ball, of Hamburg, Livingston County; W. E. Boyden, of Delhi Mills, Washtenaw County; Chas. F. Moore, of St. Clair, St. Clair County, and I. H. Butterfield, of Lapeer, Lapeer County, as delegates to represent Michigan at the National Cattle Growers' convention, which meets in Chicago, Ill., Tuesday and Wednesday, the 16th and 17th of November.

THREE different correspondents have written us this week inquiring why the scouring record of the fleedes shorn at the State shearings has not been published in the FARMER. The only reason we know of is because it has never been sent us for publication. We have been ready to publish it at any time for the past five months. and just as ready now as ever.

STATE AGRICULTURAL SOCIETY. Official List of Premiums Awarded at the Thirty-Eighth Annual Fair of the Society. Held at Jackson, Sept. 13 to 17. 1886.

DIVISION A-Castle. OLASS 1—SHONTHORMS.

Best buil four years old or over, Trevith of Bowditch, Millsdale, Mich., \$30.
2d do, W. E. Boyden, Delhi Mills, \$15.
3d do, A. D. DeGarmo, Highland Station, \$10.
Best buil three years old, J. S. Flint, Somerset 3d do, Rasterly Bres., Marshall, \$15. 3d do, A. B. West, Columbiaville, \$10. Best bull two years old, Frank Merrit pette, \$30. 2d do, D. C. Reed, Kalamaxoo, \$15. 3d do, Frederick Warner, Dexter, \$10. Best bull one year old, W. R. Boyder 15.
2d de, W. E. Boyden, Delhi Mills, 316.
3d do, W. E. Boyden, Delhi Mills, 38.
Bost heifer calf under one year, Jas. Conley &
Co. Marshall, \$12.
2d do, W. E. Boyden, Delhi Mills, 38.
2d do, W. E. Boyden, Delhi Mills, 38.
2d do, W. E. Boyden, Delhi Mills, 35.
Best aged herd of Shorthorns, W. E. Boyden, Delhi Mills, 356.
3d do, A. D. Bogarmo, Highland Station, \$25.
3d do, A. D. Bogarmo, Highland Station, \$25.
3d do, A. D. Bogarmo, Highland Station, \$25. Best young herd of Shertherns, W. E. Boyden, Bellin Mills, 330.

2d do, A. D. DeGarmo, Highland Station, 315.
Best Sherthorn bull and four of his get, Sweepstakes, Benj. F. Batchelor, Oceola Centre, 234

Best Sherihern
Weepstakes, Benj. F. Batcheiut,
30
d do, Jacob Gander, Adrian, \$12.
3d do, A. F. Wood, Mason, \$3.
RICHARD GIBSON,
PELEG WINSLOW,
Judges. Best bull four years old or over, E. T. Doney Best bull three years old, H. T. Doney, Jack On, \$20. Best bull two years old, W. S. Walker, Utica Best bull two years old, W. S. Walker, Ution, \$20.

Best bull one year old, H. L. Carrier, Brookfield, \$15.

2d do, H. W. Calkins, Allegan, \$10.

2d do, E. T. Doney, Jackson, \$5.

Best soul leaft, W. S. Walker, Utica, \$12.

2d do, W. H. Calkins, Allegan, \$6.

Best sow four years old or over, W. S. Walker, Utica, \$20.

3d do, W. H. Calkins, Allegan, \$15.

3d do, E. T. Doney, Jackson, \$10.

Best sow three years old, W. S. Walker, Utica, \$39. ad do, W. H. Calkins, Allegan, \$15. ad do, R. T. Doney, Jackson, \$10. Best heifer two years old, H. L. Car field, \$20. \$d do, W. S. Walker, Utica, \$15. 3d do, H. L. Carrier, Brookfield, \$10 Best helfer one year old, W. S. Wal 15.
2d do, B. T. Doney, Jackson, \$10.
3d do, H. L. Carrier, Brookfield, \$5.
Best heifer calf, E. T. Doney, Jackson, \$12.
2d do, W. S. Walker, Utica, \$8.
3d do, H. L. Carrier, Brookfield, \$3.
Best herd of aged Devons, W. S. Walker, Uti 335. 2d do, E. T. Doney, Jackson, \$25. 6d do, H. W. Calkins, Allegan, \$20. Best young herd of Devons, W. S. Walker Best buil four years old or over, Wm. Hami

Best bull three years old of over, which, Flint, \$00.

2d do, Edwin Driggs, Palmyra, \$10.

Best bull three years old, Merrill & Bay City, \$20.

2d do, Wm. Hamilton, Flint, \$15.

Best bull two years old, R. G. Hart, \$20. 2d do, Edwin Phelps, Pontiac, \$15. 3d do, Sotham & Stickney, Pontiac, Best bull one year old, Sotham & ontiac, \$16. Best Dull one year old, Sotham & Stickney, Pontiac, 35.

3d do, Merrill & Fifigid, Bay City, 30.

Best bull under one year-old, Edwin Phelps, Port 2c, \$12.

3d do, Wm. Hamilton, Flint, \$8.

3d do, Wm. Hamilton, Flint, \$6.

Best sow four years old or over, Merrill & Fifield, Bay City, \$20.

3d do, Wm. Hamilton, Flint, \$15.

3d do, Wm. Hamilton, Flint, \$10.

Best cow three years old, Merrill & Fifield, Bay City, \$20. Best cow three years was 2000 and 2000 Bay City, 200.

2d do, Merrill & Fifield, Bay City, \$15.

3d do, Merrill & Fifield, Bay City, \$19. Best yearling heifer, Merrill & Fifield Best yearing heater, while \$10. 26 do, wm. Hamilton, Flint, \$1. 26 do, wm. Hamilton, Flint, \$5. Best heifer calf under one year, I Phelps, Pontiac, \$12. 2d do, wm. Hamilton, Flint, \$8. 3d do, Merrill & Fifield, Bay City, \$5. Best aged herd of nervestations and the Bay City, \$25.

2d do, Wm. Hamilton, Flint, \$35.

3d do, Sotham & Stickney, Pontiac, \$20.

Jest young herd of Herefords, Wm. Hamilton Flint, \$26.

2d do, Edwin Phelps, Pontiac, \$15.

J. O. CURRY, Judge. QLASS 4-JERSEYS.

Best bull four years old or over, O. J. Blis. Silver Greek, \$25.
2d do, G. B. & C. S. Smith, Hagle, \$15.
"M do, W. J. Crawford, Jackson, \$10.
Best bull three years old, M. L. Frink, Oxfor. 20. 2d do, H. R. Kingman, Battle Creek, \$15. 3d do, E. R. Bostwick, Union City, \$10. Best built we years, old, W. J. G. Dean, Ha over, \$30.
2d do, M. L. Frink, Oxford, \$15.
3d do, R. O. Dewey, Owosso, \$10.
Reat bull one of the control of th Best bull one year old, W. J. G. Dean, Han over, \$15.
2d do, H. R. Kingman, Battle Croek, \$10.
3d do, H. B. & C. S. Smith, Bagle, \$5.
Best bull calf, W. J. G. Dean, Hanover, \$12.
2d do, O. J. Bliss, Silver Creek, \$6.
3d do, H. R. Kingman, Battle Creek, \$6.
Best cow four years old or over, C. B. & C. Smith, Bagle, \$20.
2d do, H. R. Kingman, Baltle Creek, \$15.
3d do, W. J. G. Dean, Hanover, \$10.
Best cow three years old, W. J. G. Dean, Hanover, \$20. Best cow three years Ulu, W. V. S. Sover, 320.

2d do, H. R. Kingman, Battle Creek, \$15.
3d do, W. J. G. Dean, Hanover, \$10.
Best helfer two years old, H. R. Kingma
Battle Creek, \$20.
2d do, O. J. Bliss, Silver Creek, \$15.
3d do, Anderson Bros., Midland, \$10.
Best helfer one year old, H. R. Kingma the Creek, \$16.

1 do, E. B. & C. S. Smith, Ragle, \$10.

d do, Mrz. N. B. Sherman, Cooper, \$2.

est helfer calf, Hiram Walker & 2. Best helfer calf, Hiram Watter & Son, Diroit, \$2.2.
2d do, M. L. Prink, Oxford, \$8.
3d do, W. J. G. Dean, Handver, \$5.
Best aged herd of Jerseys, H. R. Kingma
Battle Crock, \$25.
3d do, O. J. Bliss, Silver Crock, \$5.
3d do, O. J. Bliss, Silver Crock, \$5.
Best young herd of Jerseys, H. R. Kingma
Battle Crock, \$50.
3d do, B. B. & C. S. Smith, Eagle, \$15.
Bost Jersey bull and four, of his get, W. J.
Dean, Hanger, \$20. io, E. B. & C. S.
st Jersey bull and four, or me
st Jersey bull and four, or me
do, G. J. Bline, Silver Creek, \$12.
do, O. J. Bline, Silver Creek, \$12.
i do, E. B. & C. S. Smith, Eagle, \$8.
jOHN D. SUMNER,
F. W. GRINNELL,
J. A. MANN,
Judg CLASS 1-GALLOWAYS AND POLLED ANGUS. GLASS 5—GALLOWAYS AND POLLED ANGUS.
Best bull four years old or over, R. B. Carus
t. Johns, \$80.
3d. do, C. W. & H. P. Tubbs, Kalamo, \$10.
Best bull three years old, Hiram Walker
on, Detroit, \$20.
2d do, S. J. Murphey, Detroit, \$15.
Best bull two years old, Wm. Keith, Pittsfore

Best bull one year old, S. J. Murphey, Detro

2d do, W. P. Darrow, Jefferson, \$15. 3d do, S. J. Murphey, Detroit, \$10. Best helfer one year old, R. B. Car

Best helfer one year John ; \$15. 2d do, W. P. Darrow, Jefferson, \$10.

Best heifer calf. S. J. Murphey, Detroit, \$12. 2d do, S. J. Murphey, Detroit, \$8. 3d do, R. B. Carus, St. Johns, \$5. SAMUEL JOHNSON, Judge. CLASS 6-HOLSTEIN-FRIESIAN.

CLASS 6—HOLSTEIN-PRIESIAN.

Best bull four years old or over, C. V. Seeley, N. Farmington, \$20.

2d do, Stone & Biggs, Hastings, \$15.

3d do, Wm. A. Rowley, Mt. Clemens, \$10.

Bost bull three years old, Wm. K. Sexton, Howell, \$20.

2d do, O. S. Chapel, Parma, \$15.

3d do, Tousey & Seeley, Pontiac, \$10.

Best bull two years old, W. L. Simmons Northville, \$20.

2d do, Badgley & Bissell, Jackson, \$15.

3d do, Wm. K. Sexton, Howell, \$10.

3d do, Wf. Sexton, Howell, \$10.

3d do, Olds & Bacon, York, \$5.

Best bull calf under one year old, Juo. W. W. Harris, Pinckney, \$12.

2d do, C. V. Seeley, N. Farmington, \$8.

3d do. Wm. A. Rowley, Mt. Clemens, \$5.

Best cow four years old or over, Wm. A. Rowley, Mt. Clemens, \$5.

3d do, Vm. A. Rowley, Mt. Clemens, \$15.

3d do, Tousey & Seeley, Pontiac, \$10.

3d do, Tousey & Seeley, Pontiac, \$10.

Best eow three years old, M. R. Seeley & Co

Farmington, \$20.

2d do, W. K. Sexton, Howell, \$15. armington, \$20. 2d do, W. K. Sexton, Howell, \$15. 'armington, \$20. 2d do, Tousey & Seeley, Pontiac, \$15. 3d do, Badgley & Bissell, Jackson, \$10. Best yearling heifer, J. W. Salliard,

15. 2d do, Badgiey & Bissell, Jackson, \$10. 3d do, Wm. A. Rowley, Mt. Clemens, \$5. Best heifer calf one year old, Wm. A. Ro L. Clemens, \$12. Best heifer calf one year old, Wm. A. Kowiey, Mt. Clemens, \$12.

2d do, C. V. Seeley, N. Farmington, \$8.

3d do, C. V. Seeley, N. Farmington, \$5.

Best aged herd of Holstein-Friesians, Wm. A. Rowiey, Mt. Clemens, \$20.

2d do, C. V. Seeley, N. Farmington, \$25.

3d do, W. K. Sexton, Howell, \$20.

Best young herd of Holstein-Friesians, J. W. Salliard, Romeo, \$20.

2d do, Albert Riley, Walled Lake, \$15.

Best Holstein-Friesian bull and four of his get, bred in Michigan, C. V. Seeley, N. Farmington, \$20. 20. 2d do, W. A. Rowley, Mt. Clemens, \$12. 3d do, W. K. Sexton, Howell. \$8. L. C. PAYNE, Judge.

CLASS 7-GRADE CATTLE. w four years old or over, David Miller Best cow four years old or over, David Miller, Ilarkston, \$20.
2d do, A. P. Cook, Brooklyn, \$15.
3d do W. B. Boyden, Delhi Mills, \$10.
Best cow three years old, David Miller, Clarks,
on, \$20.
Best heffer two years old, A. Hosner, N. Farm Best helfer two years old, A. Hosuer, M. Fallington, \$20.
2d do, A. P. Cook, Brooklyn, \$15.
3d do, David Miller, Clarkston, \$10.
Best helfer one year old, A. Hosner, N. Farmingten, \$15.
2d do, J. M. Turner, Lansing, \$10.
3d do, F. A. Townley, Tompkins, \$5.
Best helfer calf, A. P. Cook, Brooklyn, \$12.
2d do, David Miller, Clarkston, \$8.
3d do, Jno. W. Harris, Pinckney, \$5.
J. S. FLINT,
A. D. DEGARMO,
A. J. WINDIATE.
Judges.

CLASS 8—FAT CATTLE.

Best steer three years old and under four, A. Hosner, N. Farmington, \$20.
2d do, F. A. Townley, Tompkins, \$15.
Best steer two years old and under three, Jas. A. Conley & Co., Marshall, \$20.
2d do, F. A. Townley, Tompkins, \$15.
3d do, A. Hosner, N. Farmington, \$10.
Best steer one year old and under two, A. Hosner, N. Farmington, \$16.
2d do, C. S. Blanchard, Morenci, \$10.
3d do, A. Hosner, N. Farmington, \$5.
Best steer calf six months old and under one year, F. A. Townley, Tompkins, \$15.
Best herd of fat cattle, A. Hosner, N. Farmington, \$30. Best nerd of the Cattle, A. Hosser, N. Faintington, \$30.

2d do, F. A. Townley, Tompkins, \$20.

Best steer three years old and under four, showing greatest weight for age in days, with cost, etc., A. Hosner, N. Farmington, \$15. Age, 1,146 days; weight, 1,760 lbs; average gain, 1.536

1,146 days; weight, 1,760 lbs; average gain, 1.536 lbs.

Best steer two years old and under three, showing greatest weight for age in days, with cost, etc., F. A. Townley, Tompkins, 815. Age, 826 days; weight, 1,560 lbs; average gain, 1.888; calved June 18, 1884; ran with dam seven months; cost, 810; fed corn and meal, 300 lbs., next five months, cost, 83; hay and pasture, 85; meal consumed from one to two years old, 1,460 lbs., cost 814 60; hay and pasture from one to two years old, \$12; meal consumed from June 13 to Sept. 13, 1886, 500 lbs., 85; hay and pasture from June 13 to Sept. 13, 1886, 84; total cost, 858 60.

Best steer one year old and under two, showing greatest weight for age in days, with cost, etc., greatest weight for age in days, with cost, etc., etc., C. S. Blanchard, Morenci, *15. Age, 58 days; weight, 1,280 lbs; average gain, 2.37 lbs.

HENRY LESS!TER,

DAVID MILLER,

H. WOODMAN,

DIVISION B.-Horses CLASS 9-CLEVELAND BAYS. CLASS 9—CLEVELAND BAYS.

Best stallion four years old or over, T. A.

King & Son, Parma, \$20.
2d de. Henry Haynes Vackson, \$15.
Hest stallion three years old, C. S. Truesdell,
Wayne, \$20.
2d do, High & Droellie, Grass Lake, \$15.
S. A. COLBY,
JAMES DAVIDSON,
Judges CLASS 10-THOROUGHBREDS.

CLASS 10—THOROUGHBERDS.
Best stallion four years old or over, W. R.
Walker, Athens, \$30.
2d do, Chas. P. Hatch, Pontiac, \$15.
Best stallion three years old, Peter H. Hagle,
Pontiac, \$30.
2d do, E. Harwood, Leslie, \$15.
Best stallion two years old, John W. Turner,
Matteson, \$12.
Best stallion one year old, Charles Buraham,
Fulton, \$20. Best stallien colt, Peter H. Hagle, Pontiac, \$7.2d do, J. W. Hicks, Horton, \$5. Best brood mare four years old or over, with foal, Charles Burnham, Fulton, \$20. 2d do, Peter H. Hagle, Pontiac, \$15. Best brood mare four years old Best brood mare four years old or over, with ut foal, Thomas B. True, Leslie, \$15. Best brood mare two years old, Charles Burn Best filly colt, Charles Burnham, Fulton, \$6.
Best filly colt, Charles Burnham, Fulton, \$6.
H. F. PHELPS,
S. A. COLBY,
JAMES DAVIDSON,
Judges,

CLASS 11—HORSES OF ALL WORK. Best stallion four years old or over, R. G. Johnson, Jerome, \$20.

2d do, George Mason, Maple Grove, \$15.
3d do, Knapp & Avery, Grand Rapids, \$10.
Best stallion, three years old, Edward R. Hann, Parma, \$20.
2d do, C. C. Chapel, Parma, \$15.
3d do, James M. Turner, Lansing, \$10.
Best stallion two years old, George W. Phillips, Jr., Romeo, \$12.
2d do, J. W. Haines, Eaton Rapids, \$10.
3d do, David Chapel, Parma, \$8.
Best stallion one year old, S. P. Riffenberg, Jones' Crossing, \$10.
2d do, N. E. Burghduff, Coldwater, \$8.
3d do, J. E. Bilden, Horton, \$5.
Best stallion colt, Jacob Geigu, Springport, \$8.
2d do, J. J. Palmer, Liberty, \$5.
3d do, Charles Allen, Parma, \$8.
Best brood mare four years old or over, foal by side, Cleveland Bay Horse Co., Paw Paw, \$20.
2d do, George W. Phillips, Jr., Romeo, \$15.
3d do, Charles A. Davis, Albion, \$10.
Best mare four years old or over, without foal, Charles A. Davis, Albion, \$10.
Best mare four years old, George W. Phillips, Jr., Romeo, \$10.
2d do, Robert Gould & Son, Ceresco, \$8.
3d do, T. Spicer & Son, Charlette, \$8.
3d do, T. Spicer & Son, Charlette, \$8.
Best mare two years old, George W. Phillips, Jr., Romeo, \$10.
2d do, Robert Gould & Son, Ceresco, \$8.
3d do, T. Spicer & Son, Charlette, \$8.
Best mare two years old, Thomas Maxwell, Lawton, \$8.
2d do, Will N. Adams, Jackson, \$5. Best stallion four years old or over, R. hnson, Jerome, \$20.

awton, 48.
2d do, Will N. Adams, Jackson, \$5.
3d do, D. Chapel, Parma, \$3.
Best mare one year old, J. J. Palmer, Liberty, 7. 2d do, J. J. Palmer, Liberty, 25, 3 do, O. B. Hosner, Hope, 83. Best filly colt, Cleveland Bay Horse, Co., Pav

Best filly colt, Cleveland Bay Horse, Co., Paw Paw, 35.

3d do, George W. Phillips, Jr. Romeo, \$2.

Best gelding five years old or over, James C. Deyo, Jackson, \$15.

3d do, John Powers, Homer, \$10.

3d do, Frank Davenport & Co., Grass Lake, \$5.

Best gelding four years old, Frank Davenport & Co., Grass Lake, \$5.

Best gelding four years old, Eli Stephenson, Jackson, \$10. ackson, \$10.
9d do, Piper & Wilber, Concord, \$8.
3d do, T. Spicer & Son, Charlotte, \$5.
Best gelding two years old, Will N. Adams

Best gelding two years old, Will N. Adams, Jackson, \$8.
2d do, Frank Davenport & Co., Grass Lake, \$5.
3d do, Charles A. Davis, Albion, \$3.
Best gelding one year old, A. H. Shurtz, Batavia, \$6.
3d do, Charles A. Davis, Albion, \$4.
3d do, Charles A. Davis, Albion, \$4.
3d do, Robert Gould & Co., Ceresco, \$2.
Best pair of matched horses of all work five years old or over, A. H. Murray, Parma, \$30.
2d do, Phineas Farrow, Lawton, \$30.
3d do, W. S. Peacock, Leslie, \$10.
Best pair four year old horses, matched, Frank Davenport & Co., Grass Lake, \$25.
Best pair of matched horses for all work, three years old, Thomas Maxwell, Lawton, \$15.
A. W. COYKENDALL,
B. F. PROCTOR,
JAMES DAVIDSON,
Judges.
CLASS 12—ROARSTERS.

CLASS 13-ROADSTERS. Best stallion five years old or over, 3d, Henry Darrow, Homer, \$10. Best stallion four years old, W. H. Carrham, Jackson, \$20. Best station four years out, w. H. Carlain Jackson, \$20. 2d do, Henry Brown, Battle Creek, \$15. 3d do, M. H. Ray, Concord, \$10. Best stallion three years old, W. H. Schauts Hastings, \$20. 2d do, John Shurtz, Bronson, \$15. 3d, A. L. Smith, Girard, \$10. Best gelding five years old or over, Eugen Russell, Jackson, \$15. 3d do, D. N. Tripp, Coldwater, \$10. 3d do, James C. Deyo, Jackson, \$5

Best gelding four years old, Robert Gould n, \$10. , Lewis Straw, Concord, \$6. , Lewis Welch, Somerset, \$4 2d do, Lewis Straw, Concord, \$6.
2d do, James Welch, Somerset, \$4.
Best mare four years old or over, without colt,
2. A Durand, Jackson, \$12.
2d do, N. G. Davis, Jackson, \$8.
3d do, W. A. Cowham, Jackson, \$5.
Best mare three years old, James C. Deyo
Jackson, \$10.

CLASS 13-BREEDERS' STOCK. Best stallion two years old, C. C. Pond, Jack Bost station two years old, C. C. Pond, Jackson, \$12.

2d do, H. Richfield, Jackson, \$8.

3d do, E. E. Brewster, Horton, \$5.

Best stallion one year old, Thomas Hunger tord, Concord, \$10.

2d do, C. C. Hill, Battle Creek, \$6.

3d do, D. C. Blair, Napoleon, \$4.

Best stallion colt, Robert Gould & Son, Ceresco 2d.do, A. J. C. Post & Son, Wasepl, \$5.
3d do, W. A. Higgins, Jackson, \$3.
Best gelding two years old, Charles L. Blanchard, Morenci, \$8.
Best gelding one year old, Robert Gould & Son, Ceresco, \$6.
Best brood mare four years old or over, with foal by side, Robert Gould & Son, Ceresco, \$20.
2d do, W. A. Higgins, Jackson, \$15.
3d do, A. J. C. Post & Son, Wasepl, \$10.
Best mare two years old, W. N. Adams, Jackson, \$8. on, \$8. 2d do, W. H. Saunderson & Co., Hanover, \$5. 3d do, C. R. Durand, Jackson, \$3. Best mare one year old, D. B. Hibbard, Jack-on, \$7. Best mare one year one, 7.

2d do, Farrell & Godfrey, Parma, \$5.

3d do, Levi Straw, Concord, \$2.

Best mare colt, W. A. Gibson, Jackson, \$8.

R. W. COYKENDALL,

B. F. PROCTOR,

JAMES DAVIDSON,

Judges.

PLASS 14-GENTS' DRIVING HORSES C TO ROA WAGONS.

Best pair of driving horses not kept for sporting purposes, James C. Deyo, Jackson, \$25.

2d do, V. K. Brown, Salt River, \$20.

Best single mare or gelding five years old or over, A. E. Sutton, Jackson, \$25.

2d do, C. C. Pond, Jackson, \$20.

3d do, A. J. Barber, Mason, \$10.

Best single mare or gelding, four years old or over, Wm. Thompson, Jackson, \$20.

2d do, H. M. Williams, Mason, \$15.

3d do, A. G. Gale, Albion, \$10. s, Mason, bion, \$10. S. A. COLBY, J. W. PARKHURST, H. F. PHILLIPS, 4 Judges LASS 15-CLYDESDALE AND ENGLISH DRAF

HORSES.

Best stallion four years old or over, C. E. Lockwool (protested), \$25, 24 do, James M. Turner, \$20, 3d do, Farrell & Godfrey, \$10. Best stallion three years old, A. B. West, \$20. 2d do, C. B. Truesdell, \$12. Best stallion two years old, C. E. Lockwood, \$10. 10. 2d do, James M. Turner, &6. Best stallion one year old. E. G. Rust. &8. Best stallion colt, James M. Turner, &5. Best brood mare four years old or over, Jam f. Turner, \$20.
2d do, James M. Turner, \$12.
3d do, James M. Turner, \$8.
Best mare or gelding two years old, James M
urner, \$10.

R. W. COYKENDALL, B. F. PROCTOR, J. W. PARKHURST, Judges. DRAFT HORSES. lastings, \$25.

2d do, Savage & Farnum, Detroit, \$20.

3d do, Eli Bachtel, Hastings, \$10. do, Eli Bachtel, Hastings, \$10. st stallion three years old, Savage & Detroit, \$20. do, R. G. Hart, Lapeer, \$12. zu uo, R. G. Hart, Lapeer, \$12.
3d do, Savage & Farnum, Detroit, \$8.
Best stallion two years old, Savage & Farnum
betroit, \$10.
2d do, Savage & Farnum, \$6.
3d do, T. W. Palmer, Detroit, \$4.
Best stallion one year old, Savage & Farnum
betroit. \$8. 3d do, T. W. Palmer, Detroit, \$4.

Best stallion one year old, Savage & Farnum
betroit, \$8.

Best stallion colt, T. W. Palmer, Detroit, \$5.

Best mare four years old or over, Savage &
Farnum, Detroit, \$20.

2d do, Savage & Farnum, Detroit, \$12.

3d do, Savage & Farnum, Detroit, \$8.

Best mare three years old, T. W. Palmer, \$12.

Best mare or gelding two years old, T. W. Palmer, Detroit, \$6.

3d do, T. W. Palmer, Detroit, \$6.

3d do, Savage & Farnum, Detroit, \$4.

Best mare one year old, T. W. Palmer, \$10.

3d do, T. W. Palmer, Detroit, \$4.

Best filly colt, T. W. Palmer, Detroit, \$6.

R. W. COYKENDALL,

B. F. PRO TOUL.

Judges.

Judges.

CLASS 17—DRAFT HORSES.

Best pair mares or geldings four years old or over, G. T. Smith Purifier Co., Jackson, \$25.
2d do, Shelden & Co., Jackson, \$25.
3d do, Ga T. Smith Purifier Co., Jackson, \$10.
Best pair Mares or geldings three years old, J. Woodbeck, Armada, \$20.

Best mare four years old or over, James M. Turner, Lansing, \$2.
2d do, James M. Turner, Lansing, \$12.
3d do, James M. Turner, Lansing, \$3.
Best mare three years old, James M. Turner.
Lansing, \$12.
Best mare or gelding two years old, C. E. Lockwood, Washington, \$10.
2d do, C. E. Lockwood, Washington, \$6.
3d do, George W. M. Shearer, Jackson, \$4.
Best mare one year old, O. Hulett, Romeo, \$8.
2d do, C. E. Lockwood, Washington, \$5.
3d do, C. E. Lockwood, Washington, \$3.
Best filly colt, James M. Turner, Lansing, \$3.
3d do, James M. Turner, Lansing, \$3. CLASS 17-DRAFT HORSES.

CLASS 18-CARRIAGE AND BUGGY HORSES. Best pair matched carriage horses, 16 hands or over, five years old or over, Frank Davenport & Co., Grass Lake, \$25 2d do, W. L. Peacock, Leslie, \$20.
Best pair matched carriage horses under 16 hands, four years old or over, R. E. Strong, Jackson, \$25.
3d do, J. C. Dero, Jackson, \$15.
3d do, J. C. Coley, Romeo, \$10.
Best pair matched carriage horses three years old, R. Gould & Son, Ceresco, \$20.
3d do, O. B. Hosner, Hope, \$20.
Best single carriage horse or mare four years ad do, O. B. Hosner, Hope. \$20.
Best single carriage horse or mare four years
old or over, J. C. Deyo, Jackson, \$12.
2d do, W. R. Wellington, Springport, \$8.
3d do, J. O. Hewitt, Jackson, \$4.
Best single carriage horse three years old, W.
J. Bissell, Lestie, \$7.
2d do, J. C. Deyo, Jackson, \$3.
S. A. COLBY,
J. W. PARKHURST,
H. F. PHILLIPS,
Judges.

CLASS 19—ROADSTER STALLIONS, STANDARD BEET Best stallion five years eld, A. S. Perrin, Park-rille, \$100. Best stallion four years old, A. J. Barber, Best stallion four years old, A. J. Barber,
Mason, \$75.
3d do, W. A. Gibson, Jackson, \$50.
3d do, W. N. Grimes, Schoolcraft, \$26.
Best stallion three years old, John Shurtz,
Bronson, \$30.
2d do, W. J. Bissell, Leslle, \$20.
3d do, J. C. Deyo, Jackson, \$10.
Best stallion two years old, Griswold Brothers,
Vermontville, \$20.
2d do, Ray Warner, Coldwater, \$15.
3d do, Piper & Wilber, Concord, \$10.

H. F. PHILLIPS,
S. A. COLBY,
Judges.

STANDARD BRED.

Best mare or gelding five years old or over, C. C. Pond, Jackson, \$100.

2d do, F. A. Granger, Tekonsha, \$75.
3d do, W. H. Cowham, Jackson, \$50.
Best mare or gelding four years old, Nixon
Brothers, Cassopolis, \$75.
2d do, W. J. Bauer, Jackson, \$50.
3d do, W. J. Bauer, Jackson, \$50.
3d do, W. A. Gibson, Jackson, \$25.
Best mare or gelding three years old, Ray
Warner, Coldwater, \$30.
3d do, John Shurtz, Bronson, \$10.
Best mare or gelding two years old, Ray
Warner, Coldwater, \$20.
2d do, Griswold Brothers, Vermontville, \$15.
J. W. PARKHURST,
S. A. COLBY,
H. F. PHILLIPS,
Judges,
CLASS \$1—THOROUGHBRED STALLIONS, MARES AND STANDARD BRED.

LASS \$1-THOROUGHBRED STALLIONS, MARES AN Best stallion any age, Mrs. Josie L. Ame Best stallen any age, mrs. sould a Charlotte, \$75.

\$\frac{2}{3}\$ do, E. C. Remington, Fentonville, \$50.

Best mare or gelding any age, George V Quick, Saginaw City, \$50.

\$\frac{2}{3}\$ do, Louis Brockway, Saginaw City, \$30.

\$\frac{2}{3}\$ do, P. B. Baker, Jerome, \$20.

J. W. PARKHURST, S. A. COLBY,

JAMES DAVIDSON,

Judges

LASS 22-SWEEPSTAKES FOR STALLION WITH SIX Best thoroughbred stallion, W. Athens, \$25.
2d do, C. P. Hatch, Horton, \$20.
Best all-work stallion, Charles Albion, \$20.
Best oadster stallion, Charles Albion, \$20. 925.
2d do, D. B. Hibbard, Jackson, \$20.
Best draft stallion, E. C. Lockwood, Washi
ton, (protested) \$25.
2d do, Farrell & Godfrey, Parma, \$20.
H. F. PHILLIPS,
S. A. COLBY,
Judge

DIVISION C-Sheen. CLASS 28—THOROUGHBRED AMERICAN MERINOS.
Best ram three years old or over, Van Gieson
Brothers, Clinton, \$15.
2d do, C. M. Thorrington, Northville, \$12.
3d do, A. A. Wood, Saline, \$8.
Best ram two years old, Wm. & E. N. Ball,
Hamburg, \$15.
2d do, F. C. Wood, Saline, \$12.
3d do, C. A. Wood, Napoleon, \$8.
Best ram one year old, A. A. Wood, Saline, \$15
2d do, E. J. & E. W. Hardy, Oceola Centre, \$12.
3d do, E. J. & E. W. Hardy, Oceola Centre, \$18.
Best ram lamb, Benjamin Batcheler, Oceola
Centre, \$12. Best ram lamb, Benjamin Batcheler, entre, \$12. 2d do, W. & E. N. Ball, Hamburg, \$10. 3d do, L. C. Nelson, Olivet, \$5. 2d do, W. & E. N. Ball, Hamburg, sto.
3d do, L. C. Nelson, Olivet, 85.
Best two ewes three years old or over,
Wood, Napoleon, 815.
2d do, A. A. Wood, Saline, 819.
3d do, John Chilson, Hanover, 88.
Best two ewes two years old, A. A. Woo ne, \$15. 2d do, E. Kellogg, Oceola Centre, \$12. 3d do, Van Gieson Brothers, Clinton, \$8. Best two ewes one year old, W. & E. N. Best two ewes one year OM, ...

Ad do, A. A. Wood, Saline, \$12.

d do, A. A. Wood, Saline, \$12.

d do, O. F. Pease, Grass Lake, \$8.

Best two ewe lambs, W. G. Smith, Olivet, \$12

2d do, W. & E. N. Ball, Hamburg, \$10.

3d do, A. A. Wood, Saline, \$5.

S. C. LOMBARD,

JAMES W. NEWBERRY,

Judges.

Best ram two years old or over, A. Dest ram two years old or over, A. A. Woo Saline, \$15. 2d do, C. M. Fellows, Manchester, \$12. 3d do, L. W. & O. Barnes, Byron, \$8. Best ram one year old, A. A. Wood, Saline, \$2d do, E. Kellogs, Oceola Centre, \$12. 3d do, C. M. Fellows, Manchester, \$8. Best ram lamb, A. A. Wood, Saline, \$12. 2d do, W. & E. N. Ball, Hamburg, \$10. 3d do, E. Kellogs, Oceola Centre, \$5. Best two ewes two years old or over, F. Wood, Saline, \$15. 2d do, Van Gieson Brothers, Clinton, \$12. Wood, Saline, \$15.
2d do, Van Gieson Brothers, Clinton, \$12.
3d do, E. Kellogg, Osceola Centre, \$8:
Best two ewes one year old, A. A. Wood, Sa ine, \$15.
2d do, Van Gieson Brothers, Clinton, \$12.
2d do, Wm. & E. N. Ball, Hamburg, \$8.
Best two ewe lambs, A. A. Wood, Saline, \$12.
2d do, Wm. & E. N. Ball, Hamburg, \$10.
3d do, C. M. Fellows, Manchester, \$5. CLASS 25-FINE WOOL GRADES.

Best two ewes. three years old or over, C. Thornton, Northville, \$10.
2d do, Allen & Brown, Springport, \$6.
2d do, Nelson Brewer, Dutton, \$4.
Best two ewes two years old, Nelson Brew Dutton, \$4. Dutton, \$10.

2d do, L. W. & O. Barnes, Byron, \$6.

3d do, Nelson Brewer, Dutton, \$4.

Best two ewes one year old, Nelson Br

Dutton, \$10.

2d do, Allen & Brown, Springport, \$6.

3d do, W. C. Weeks, Napoleon, \$4.

Best two ewe lambs, Nelson Brewer, Dutton, \$10. 10.
2d do, L. W. & O. Barnes, Byron, \$5.
3d do, C. W. Weeks, Napoleon, \$3.
C. M. FELLOWS,
S. S. FARRINGTON,
J. M. KRESS, CLASS 26-SOUTHBOWNS.

CLASS 28—SOUTHDOWNS.

Best ram two years old or over, A. B.
Columbiaville, \$15.
2d do, Mrs. Ann Newton, Pontiac, \$10.
3d do, A. B. West, Columbiaville, \$6.
Best ram one year old, J. F. Rundel, Bir
ham, \$12.
2d do, A. B. West, Columbiaville, \$8.
3d do, Mrs. Ann Newton, Pontiac, \$5.
Best ram lamb, Mrs. Ann Newton, Po
\$10. 3d do, R. Conley, Marshall, \$6.
3d do, A. B. West, Columbiaville, \$4.
Best two bewes two years old or over,
Lessiter, Jefsey, \$15.
2d do, A. B. West, Columbiaville, \$10.
3d do, A. B. West, Columbiaville, \$6.
Best two wes one year old, Mrs. Ann
on, Poutiac, \$12.
2d do R. Conley, Marshall \$2. on, Pontiac, \$12.
2d do, R. Coniey, Marshall, \$8.
3d do, A. B. West, Columbiaville, \$5.
Best two ewe lambs, Mrs. Ann Newton, Por Best two ewe lambs, as...
iac, \$10.
2d do, A. B. West, Columbiaville, \$6.
3d do, A. B. West, Columbiaville, \$4.
GOODWIN HOWARD,
A. WINCHESTER,
Judges.

Best ram two years old or over, J. F. Rundel 3limingham, \$15.
2d do, Mrs. Ann Newton, Pontiac, \$10.
3d do, W. B. Mason, Marshall, \$6.
Best ram one year old, J. F. Rundel, Birming ham, 812. 2d do, J. F. Rundel, Birmingham, 88. 3d do, Mrs. Ann Newton, Pofitiac, 85. Best ram lamb, Mrs. Ann Newton, 10.
2d do, J. F. Rundel, Birmingham, \$6.
3d do, G. Longmuir, Pontiac, \$4.
Best two ewes two years old or over, J.
Rundle, Birmingham, \$15.
2d do, Mrs. Arn Newton, Pontiac, \$10.
3d do, L. S. Bunham, Concord, \$6.
Best two wee have year eld, J. F. Rundel, maincham, \$12. Best two wretrage year eld, J. F. Rundel, B aingham, 812. 2d do, Mrs. Ann Newton, Pontiac, \$8. 3d do, G. Longmuir, Pontiac, \$5. Best two ewe lambs, G. Longmuir, Pontia 10.

28d do, J. F. Rundel, Birmingham, 86.

3d do, J. L. Eggleston & Son, Parma, 84.

GOODWIN HOWARD,

A. WINCHESTER,

Best ram two years old or over, Frank Willion, Jackson, \$15.
2d do, Mrs. Ann Newton, Pontlac, \$10.
3d do, A. B. West, Columbiaville, \$6. Best ram one year old, J. F. Rundel, Birming ham, \$12. 2d do, Mrs. Ann Newton, Pontiac, \$8. 3d do, G. Longmuir, Pontiac, \$5. Best ram lamb, M. B. Armstrong, N. Farmington, \$10. 2d, J. F. Rundel, Birmingham, \$6. 3d, Montgomery & Westfall, Hillsdale, \$4. Best two ewes two years old or over, J. F. Rundel, Birmingham, \$15. 2d do, G. Longmuir, Pontiac, \$10, 3d do, John Lessiter, Jersey, \$6. Best two ewes one year old, J. F. Rundel, Birmingham, \$12. 2d do, John Lessiter, Jersey, \$8. 3d do, G. Longmuir, Pontiac, \$5. Best two ewe lambs, M. B. Armstrong, N. Farmington, \$10. 2d do, J. F. Rundel, Birmingham, \$6. 3d do, G. Longmuir, Pontiac, \$4. Go-DWIN HOWARD, A. WINCHESTER, Judges.

CLASS 29—LEIGESTERS.

Best ram two years old or over, A. F. Wood Mason, \$15.

2d do, Robt. Knight, Marlette, \$10.
3d do, Mrs. Ann Newton, Pontiac, \$6.
Best ram one year old, Mrs. Ann Newton Pontiac, \$12.
2d do, A. F. Wood, Mason, \$8.
Best ram lamb, Robt. Knight, Marlette, \$10.
2d do, Robt. Knight, Marlette, \$6.
3d do, Mrs. Ann Newton, Pontiac, \$4.
Best two ewes two years old or over, A. I Wood, Mason, \$15.
2d do, A. F. Wood, Mason, \$10.
Best two ewes one year old, Mrs. Ann Newton Pontiac, \$12.
7d do, Robt. Knight, Marlette, \$8.
3d do, A. F. Wood, Mason, \$5.
Best two ewe lambs, Robt. Knight, Marlette, \$10.
2d do, Mrs. Ann Newton, Pontiac, \$12. CLASS 29-LEICESTERS.

\$10. 2d do, Mrs. Ann Newton, Pontiac, \$6. 8d do, A. F. Wood, Mason, \$4. mn Newton, \$4. Wood, Mason, \$4. GOODWIN HOWARD, A. WINCHESTER, Judges. CLASS 30-COTSWOLD AND OTHER LONG-WOOLE Best ram two years old or over, Montgo & Westfall, Hillsdale, \$15.

Best ram two years old or over, Montgomery & Westfall, Hillsdale, \$15.
2d do, Mrs. Ann Newton, Pontiac, \$10.
3d do, Frank Willson, Jackson, \$6.
Best ram one year old, Montgomery & Westfall, Hillsdale, \$12.
2d do, F. Spieer & Son, Charlotte, \$8.
3d do, Sotham & Stickney, Pontiac, \$5.
Best ram lamb, Frank Willson, Jackson, \$10.
2d do, Montgomery & Westfall, Hillsdale, \$6.
3d do, Frank Willson, Jackson, \$4.
Best two ewes two years old or over, L. S
Dunham, Concord, \$15.
2d do, Mrs. Ann Newton, Pontiac, \$10.
3d do, Montgomery & Westfall, Hillsdale, \$6.
Best two ewes one year old, Mrs. Ann Newton
Pontiac, \$12.
2d do, Sotham & Stickney, Pontiac, \$8.
3d do, Sotham & Stickney, Pontiac, \$8.
Best two ewe lambs, Frank Willson, Jackson
\$10. Best two ewe lamos, Branz 110.
10.
2d do, Montgomery & Westfall, Hillsdale, \$6.
3d do, Montgomery & Westfall, Hillsdale, \$4.
GOODWIN HOWARD,
A. WINCHESTER,
Judges.

CLASS 31-GRADE COARSE-WOOLED EWES. Best two ewes two years old or over, Montgomery & Westfall, Hillsdale, \$10.
2d do, Mrs. Ann Newton, Pontiac, \$6.
Best two ewes one year old, Montgomery & Westfall, Hillsdale, \$10.
2d do, Mrs. Ann Newton, Pontiac, \$6.
Best two ewe lambs, Mrs. Ann Newton, Pontiac, \$6.
GOODWIN HOWARD. GOODWIN HOWARD, A. WINCHESTER,

CLASS 32-PAT SHEEP. Best two long wooled sheep two years old inder three, Mrs Ann Newton, Pontia, \$10 2d do, Montgomery & Westfall, Hillsdale, Best two long wooled sheep one year old inder two. Mrs Ann Newton, Pontiac, \$10.

2d do, Montgomery & Westfall, Hillsdale, \$8.
Best two grade sheep two years old and undethree, JF Rundle, Birmingham, \$10.
2d do, JF Rundle, Birmingham, \$8.
3d do, Mrs Ann Newton, Pontiac, \$6.
Best two grade here new years

DIVISION D-SWINE. CLASS 33-BERKSHIRES. CLASS 33—BERKSHIRES.

Best boar two years old or over, C Hibbard & Son, Bennington, \$12,

Best boar one year old, C Hibbard & Son, Bennington, \$10.

Best boar under one year old, C Hibbard & Son, Bennington, \$10. Best boar under one year old, C Hibbard & Son, Bennington, \$8.

Best brood sow two years old or over, C Hibbard & Son, Bennington, \$12.

Best sow one year old, C Hibbard & Son, Bennington, \$10.

Best sow under one year old, C Hibbard & Son, Bennington, \$8.

Best pen of pigs, C Hibbard & Son, Bennington, \$8.

Best boar, any age, C Hibbard & Son, Bennington, \$8.

F. W. GRINNELL Judge. F. W. GRINNELL, Judge. Best boar two years old or over, Frank Will-

on, Jackson, \$12.
2d do, A Chandler, Jerome, \$8.
3d do, E T Doney, Jackson, 400.
Best boar one year old, Frank Willson, Jack Best boar one year old, Frank Whis son, 10 00.

2d do, F A Ray, Concord, 6 00.

3d do, E T Doney, Jackson, 3 00.

Best boar under one year old, Frank Jackson, 8 00.

2d do, Frank Willson, Jackson, 35.

3d do, W A Higgins, Jackson, 3 00.

Best brood sow two years old or over, ler, Jerome, 12 00. Best brood sow two years old or over, ler, Jerome, 12 00.

2d do, W A Higgins, Jackson, 8 00.

3d do, Frank Willson, Jackson, 4 00.

Best sow one year old, Frank Willso son, 10 00.

2d do, E T Doney, Jackson, 6 00.

3d do, A Chandler, Jerome, 3 00.

Best sow under one year old, Frank Jackson, 8 00. Jackson, 8 00.

2d do, W A Higgins, Jackson, 5 00.
3d do, A Chandler, Jerome, 3 00.
Best pen of pigs, W A Higgins, Jackson, 8 (2d do, Frank Willson, Jackson, 5 00.
3d do, F A Ray, Concord, 3 00.
Best boar, any age, Frank Willson, Jackson ploma. F. W. GRINNELL, Judge,

F. W. GRINNELL, Judge.
SUFFOLKS AND SMALL YORKSHIRBS,
Best boar two years old or over, Frank Will
son, Jackson, 12 00.
2d do, A Ganson, Fentonville, 8 00.
3d do, E Driggs, Palmyra, 4 00.
Best boar one year old, Frank Willson, Jack
son, 10 00.
2d do, H M Hilbert, North Lansing, 6 00.
Best boar under one year old, Frank Willson ackson, 8 00.
2d do, A Ganson, Fentonville, 5 00.
3d do, H M Hilbert, North Lansing. au uo, a canson, rentonville, 5 00.
3d do, H M Hilbert, North Lansing, 3 00.
Best brood sow two years old or over, H M
Hilbert, North Lansing, 12 00.
2d do, Frank Willson, Jackson, 8 00.
3d do, A Ganson, Fentonville, 4 00.
Best sow one year old, Frank Willson, Jackson, 10 00. 3d do, A Ganson, Fentonville, 4 00.

Best sow one year old, Frank Willson, Jack ion, 10 00.

2d do, A Ganson, Fentonville, 6 00.

3d do, E Driggs, Palmyra, 3 00.

Best sow under one year old, Frank Willson, Jackson, 8 00.

2d do, Frank Willson, Jackson, 5 00.

3d do, Mrs Ann Newton, Pontiac, 3 00.

Best pen of pigs, A Ganson, Fentonville, 8 00

Frank Willson, Jackson, 5 00.

3d do, H M Hilbert, North Lansing, 3 00.

Best boar, any age, Frank Willson, Jackson fliploma. F. W. GRINNELL, Judge.

Best boar two years old or over, is arnes, Byron, 12 00. 2d do, H M Morse, Union City, 8 00. 3d do, L W & O Barnes, Byron, 4 00. Best boar one year old, C A Limbe giac, 10 00. giac, 10 00.
2d do, H M Morse, Union City, 6 00.
3d do, L W & O Barnes, Byron, 3 00.
Best boar under one year, C A Limb 3d do, L W & O Barnes, Byron, 3 00.
Best boar under one year, C A Limbeck, Dowagiac, 8 00.
2d do, H W Rilley & Co, Greenville, 5 00.
3d do, H B Corwin, Keelerville, 3 00.
Best brood sow two years old or over, L W & O Barnes, Byron, 19 00.
2d do, W H Ashley, Homer, 8 00.
3d do, H M Morse, Union City, 4 00.
Best sow one year old, L W & O Barnes, Byron, 10 00.
2d do, E C Rouse, Homer, 6 00.
3d do, E C Rouse, Homer, 3 00.
Best sow under one year old, C A Limbeck, Dowagiac, 8 00.
2d do, R C Morris, Decatur, 5 00.
3d do, G F Harrington, Paw Paw, 8 00.
Best pen of pigs, G F Harrington, Paw Paw, 8 00.

8 00.
2d do, W H Ashley, Homer, 5 00.
3d do, C A Limbeck, Dowagiac, 3 00.
Best boar of any age, L W & O Barnediploma. F. W. GRINNELL, Judge. ENUMERATED.

Best boar two years old or ever, C A Searing Lyons, 12 00.

Best boar one year old, C A Searing, Lyons, 00.

Best boar one year old, C A Searing, 10 00.
2d do, Joseph Lindsey, Otsego, 6 00.
3d do, Joseph Lindsey, Otsego, 8 00.
Best boar under one year old, C A S Lyons, 8 00.
2d do, M H Walworth, Hillsdale, 5 00.
3d do, C A Searing, Lyons, 3 00.
Best brood sow two years old or over, Reed, Jackson, 12 00. Reed, Jackson, 12 00.
2d do, C A Searing, Lyons, 8 00.
3d do, James McBride, Burton, 4 00.
Best sow one year old, Joseph Lindsey, Otse
go, 10 00.
2d do, Joseph Lindsey, Otsego, 6 00.
3d do, Joseph Lindsey, Otsego, 6 00. 3d do, Joseph Lindsey, Otsego, 2 00. Best sow under one year old, Joseph tsego, 8 00. 2d do, Joseph Lindsey, Otsego, 5 00. 3d do, M H Walworth, Hillsdale, 3 00 Best pen of pigs, C A Searing, Lyons, 8 2d do, Joseph Lindsey, Otsego, 5 00. 3d do, M H Walworth, Hillsdale, 3 00. Best boar, any age, C A Searing, Lyo F. W. GRINNELL, Judge.

FAT HOGS. FAT HOGS.

Best barrow or sow over one year old, W
Higgins, Jackson, 10 00.
2d do, Frank *illson, Jackson, 6 00.
3d do, E T Doney, Jackson, 3 00.
Best barrow or sow less than one year ole Frank Willson, Jackson, 6 00.
2d do, Frank Willson, Jackson, 4 00.
3d do, E T Doney, Jackson, 2 00.
F. W. GRINNELL, Judge.

DIVISION E-Poultry. CLASS 34.
Best collection of Asiatic fowls

CLASS 34.

Best collection of Asiatic fowls and chickens, James Ball, Marshall, 10 00.
2d do, D R McElwain, Hastings, 5 00.
Best pair Light Brahma fowls, H F Ford & Co, Hastings, 2 00.
2d do, D R McElwain, Hastings, 1 00.
Best pair Light Brahma chicks, A G Weston, Unadilla, 2 00.
2d do, Joseph Lindsey, Otsego, 1 00.
Best pair Dark Brahma fowls, Jas Ball, Marshall. 2 00.
2d do, H F Ford & Co, Hastings, 1 00.
Best pair Dark Brahma chicks, James Ball, Marshall, 2 00.
2d do, D R McElwain, Hastings, 1 00.
Best pair Buff Cochin fowls, James Ball, Marshall, 2 00.
2d do, D R McElwain, Hastings, 1 00.
Best pair Buff Cochin chicks, H M Watson, Okemos, 2 00.
2d do, James Ball, Marshall, 1 00.
Best pair Partidge or Grouse Cochin fowls, D R McElwain, Hastings, 2 00.
2d do, James Ball, Marshall, 1 00.
Best pair Partidge or Grouse Cochin chicks, James Ball, Marshall, 2 00.
2d do, James Ball, Marshall, 1 00.
Best pair White Cochin fowls, James Ball, Marshall, 2 00.
2d do, James Ball, Marshall, 1 00.
Best pair White Cochin fowls, James Ball, Marshall, 2 00.
2d do, James Ball, Marshall, 1 00.
Best pair Black Cochin chicks, M H Walworth, Hillsdale, 2 00.
2d do, James Ball, Marshall, 1 00.
Best pair Black Cochin fowls, James Ball, Marshall, 2 00.
2d do, H M Watson, Okemos, 1 00.
Best pair Black Cochin fowls, James Ball, Marshall, 2 00.
2d do, H M Watson, Okemos, 1 00.
Best pair Leghorn fowls, Z A Hartsuff, Unadilla, 2 00.
2d do, James Ball, Marshall, 1 00.
Best pair Leghorn chicks, Jacaph Lindsay. Best pair Leghorn routs, 2A harsaut, Una Hills, 2 00. 2d do, James Ball, Marshall, 1 00. Best pair Leghorn chicks, Joseph Lindsay Otsego, 2 00. 2d do, H M Watson, Okemos, 1 00. Best pair Plymouth Rock fowls, C L Hogue, 2d do, Drey Bros, Jackson, 1 00. Na Go, H M watson, Occursor.

Best pair Plymouth Rock fowls, C L Hogue,
Battle Creek, 2 00.
2d do, Dyer Bros, Jackson, 1 00.
Best pair Plymouth Rock chicks, C L Hogue,
Battle Creek, 2 00.
2d do, Benj F Batcheler, Occola Center, 1 00.
Best pair Wyandotte fowls, C L Hogue, Battle
Creek, 2 00.
2d do, C L Hogue, Battle Creek, 1 00.
Best pair Wyandotte chicks, C L Hogue, Battle
Creek, 2 00.
2d do, C L Hogue, Battle Creek, 1 00.
Best pair black-breasted red game bantam
fowls, M C Woodmansee, Hastings, 2 00.
2d do, H M Watson, Okemos, 1 00.
Best pair black-breasted red game bantam
chicks, H F Ford & Co, Hastings, 2 00.
2d do, H M Watson, Okemos, 1 00.
Best pair duck-wing game bantam fowls, D R
McElwain, Hastings, 2 00.
2d do, Ambrose Purchase, Freeland, 1 00.
Best pair duck-wing game bantam chicks,
Ambrose Purchase, Freeland, 2 00.
2d do, D R McElwain, Hastings, 1 00.
Best pair white bantam fowls, A G Weston,
Unadilla, 3 00. Best pair white bantam rowis, A G Unadilla, 9 00. 2d do, D R McElwain, Hastings, 1 00. Best pair white bantam chicks, H M

kemos, 2 00. 2d do, Z A Hartsuff, Unadilla, 1 00.

Best pair golden-laced Sebright bantam chicks, D.R. McElwain, Hastings, 2 00.
2d do, M.C. Woodmansee, Hastings, 1 00.
Best pair black African bantam fowls, McDonald Bros, Marshall, 2 00.
Best pair black African bantam chicks, McDonald Bros, Hastings, 2 00.
2d do, McDonald Bros, Marshall, 1 00.
Best pair colored Dorking chicks, M H Walworth, Hillsdale, 2 00.
2d do, M H Walworth, Hillsdale, 1 00.
Best pair Dominique fowls, D R McElwain, Hastings, 2 00. 3 00.

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8 Best pair Dominique, 2 00.
2d do, M H Walworth, Hillsdale, 1 00.
2d do, M H Walworth, Hillsdale, 1 00. 2d do, M H Walworth, Hillsdale, 1 00.

Hest pair Dominique chicks, M H Walworth,
Hillsdale, 2 00.

2d do, M H Walworth, Hillsdale, 1 00.

Best pair Houdan fowls, A G Weston, Unadilla, 2 00.

2d do, D R McElwain, Unadilla, 1 00.

Best pair Houdan chicks, A G Weston, Unadilla, 2 00.

2d do, Z A Hartsuff, Unadilla, 1 00.

Best pair black-breasted red game fowls, Dyer
Bros, Jackson, 2 00.

2d do, B J Dolph, Albion, 1 00.

Best pair black-breasted red game chicks, B J
Dolph, Albion, 2 00.

2d do, B J Dolph, Albion, 1 00.

Best pair duck-wing game fowls, H F Ford &
Co. Hastings, 2 00.

2d do, Jno M Bird, Ann-Arbor, 1 00.

Best pair duck-wing game chicks, Jno M Bird,
Ann Arbor, 2 00.

Best pair duck-wing game chicks, Jno M Bird,
Ann Arbor, 2 00.

Best pair duck-wing game chicks, Jno M Bird,
Ann Arbor, 2 00. no Ohio, 3 00.
2d do, F Willson, Jackson, 3 00.
Best bushel buckwheat, Whipps Brea, Marion. Best bushel buckwheat, Whipps Brea, Marion, Ohio, 3 00.
2d do, D B Harrington, Massa, 2 e.
Best bushel flaxseed, Whipps Bres, Marion, Ohio, 3 00.
Best bushel of red-top grass seed, Whipps Bros, Marion, Ohio, 3 00.
Best bushel blue grass seed, Whipps Brea, Marion, Ohio, 3 00.
Best bushel Hungarian grass seed, Whipps Bres, Marion, Ohio, 3 00.
Best bushel Hungarian grass seed, Whipps Bres, Marion, Ohio, 3 00.
Best bushel millet, Whipps Bres, Marion, Ohio, 5 00. Best bushel peas, F Willson, Jackson, 3 00.
Best bushel white beans, J M Blowers, Land Best bushel white beans, J M Blowers, Lavence, 3 60.
2d do, F M Ellison, Jacksen, 2 60.
Best display of a general assertment of seeds for field crops, D Woodman, Faw Paw, 10 60.
Best display of the several kinds of grasses in heads, D Woodman, Paw Paw, 10 60.
2d do, A W Jewett, Mason, 5 68.
Best display of corn in the ear, D Woodman, Paw Paw, 10 60.
2d do, C Lazelle, Napoleen, 5 66.
Best display of the several kinds of grasses in stalk and head, D Woodman, Paw Paw, 10 60.
2d do, Whipps Bros, Marion, Ohio, 5 60.
The LYONS, Judge. Best pair duck-wing game fowls, H F Ford & Co, Hastings, 200.

2d do, Jno M Bird, Ann Arbor, 100. Best pair duck-wing game chicks, Jno M Bird, Ann Arbor, 200. Best pair Pile game fowls, D R McElwain, Hastings, 200.

2d do, Jno M Bird, Ann Arbor, 100.

2d do, Jno M Bird, Ann Arbor, 200. Best pair Pile game chicks, J Lewis, Marengo, 200.

2d do, Jno M Bird, Ann Arbor, 200. Best pair golden-spangled Hamburg fowls, H M Watson, Okemos, 200.

2d do, M C Woodmansee, Hastings, 100. Best pair golden-spangled Hamburg chicks, M H Walworth, Hillsdale, 200.

2d do, M C Woodmansee, Hastings, 100. Best pair silver-spangled Hamburg fowls, M H Walworth, Hillsdale, 200.

2d do, M H Walworth, Hillsdale, 100. Best pair silver-spangled Hamburg chicks, M H Walworth, Hillsdale, 200.

2d do, M H Walworth, Hillsdale, 100. Best pair silver-spangled Hamburg fowls, M C Woodmansee, Hastings, 200.

2d do, D R McElwain, Hastings, 100. Best pair silver-penciled Hamburg chicks, D R McElwain, Hastings, 200.

2d do, M C Woodmansee Hastings, 1 60. Best pair silver-penciled Hamburg chicks, D R McElwain, Hastings, 200.

Best pair silver-penciled Hamburg chicks, D Rord & Co, Hastings, 200.

Best pair silver-penciled Hamburg chicks, D R McElwain, Hastings, 200.

2d do, Ambrose Purchase, Freeland, 100. Best pair black Hamburg chicks, D R McElwain, Hastings, 200.

2d do, Mc Woodmansee, Hastings, 100. Best pair black Hamburg chicks, D R McElwain, Hastings, 200.

2d do, Ambrose Purchase, Freeland, 100. Best pair black Hamburg chicks, D R McElwain, Hastings, 200.

2d do, Mc Woodmansee, Hastings, 100. Best pair black Hamburg chicks, D R McElwain, Hastings, 200.

2d do, Mc Population fowls, Z A Hartsuff, Unadilla, 200.

Best pair black Polish fowls, Z A Hartsuff, Unadilla, 200.

Best pair black Polish fowls, Ambrose Purchase, Freeland, 200.

Best pair black Polish fowls, Ambrose Purchase, Freeland, 200.

2d do, Whipps Bros, Marlon, Ohio, 5 00.

T. H. LYONS, Judge.

CLATS 86—ROOTS AND YNDRWALLINS.

Best peck Early Rose petatees, Whipps Bros,
Marlon, Ohio, 2 00.

2d do, H. Wixom, Mason, 1 00.

Best peck early Vermont petatees, D B Harrington, Mason, 2 00.

2d do, Whipps Bros, Marlon, Ohio, 1 00.

Best peck early Ohio petatees, Whipps Bros,
Marlon, Ohio, 2 00.

2d do, Whipps Bros, Marlon, Ohie, 1 00.

Best peck Early Beauty of Hebren, Whipps
Bros, Marion, Ohio, 2 00.

2d do, Mrs J H Corning, Henrietta, 1 00.

Best peck Onfario potatees, Whipps Bros,
Mason, 2 00.

2d do, W F Miller, Mason, 1 00.

Best peck Uniter Bose potatees, Whipps Bros,
Marlon, Ohio, 2 00.

2d do, H Wixom, Mason, 1 00.

Best peck White Elephant petatees, Whipps
Bros, Marion, Ohio, 2 00.

2d do, W Biller, Mason, 1 00.

Best peck Granger potatees, Whipps Bros,
Marlon, Ohio, 2 00.

2d do, D B Harrington, Mason, 1 00.

Best peck Burbank potatees, Whipps Bros,
Marlon, Ohio, 2 00.

2d do, Wm Blackmore, Jackson, 1 00.

Best peck Mammoth Pearl petatees, D B Harrington, Mason, 2 00.

2d do, Wm Blackmore, Jackson, 1 00.

Best peck Belle potatees, D B Harrington, Mason, 2 00.

2d do, W F Miller, Mason, 1 00.

Best peck Belle potatees, D B Harrington, Mason, 2 00.

2d do, W F Miller, Mason, 1 00.

Best peck Late Beauty of Hebren potatees,
Whipps Bros, Marlon, Ohio, 3 00.

2d do, W F Miller, Mason, 1 00.

Best peck Late Beauty of Hebren Potatees,
Whipps Bros, Marlon, Ohio, 3 00.

2d do, U F Miller, Mason, 1 00.

Best peck Smowflake potatees, Whipps Bros, Marlon, Ohio, 3 00.

2d do, U F Miller, Mason, 1 00.

Best peck Smowflake potatees, Whipps Bros, Marlon, Ohio, 3 00.

2d do, U F Miller, Mason, 1 00.

Best peck Success Bros, Marlon, Ohio, 3 00.

2d do, U F Miller, Mason, 1 00.

Best peck Six white or yellow beets, W filler,
Mason, 2 00.

2d do, Whipps Bros, Marlon, Ohio, 1 00.

Best six white or yellow beets, W filler,
Mason, 2 00.

2d do, O B Hosner, Hope, 1 00. CLATS 86-ROOTS AND VESTABLES. Best pair black Polish chicks, Jas Ball, Marshall, 2 00.
Best pair white Polish fowls, Ambrose Purchase, Freeland, 2 00.
2d do, Ambrose Purchase, Freeland, 1 00.
Best pair silver Polish fowls, H M Watson, Okemos, 2 00.
2d do, Jas Ball, Marshall, 1 00.
Best pair silver Polish chicks, D R McElwain, Hastings, 2 00.
2d do, Jas Ball, Marshall, 1 00.
Best pair golden Polish fowls, Jas Ball, Marshall, 2 00.
2d do, Jno M Bird, Ann Arbor, 1 00.
Best pair golden Polish chicks, Jas Ball, Marshall, 2 00.
2d do, Jas Ball, Marshall, 1 00. Best pair Bottle Folker hall, 2 00.
2d do, Jas Ball, Marshall, 1 00.
Best pair black Spanish fowls, H M Watson, 2 00.
2d do, Ed Driggs, Palmyra, 1 00.
Best pair black Spanish chicks, Z A Hartsuff, Unadilla, 2 00.
2d do, Ambrose Purchase, Freeland, 1 00.
Rest pair white Lexhorn fowls, Ambrose Pur 3d do, Ed Driggs, Palmyra, 1 00.
Best pair white Leghorn chicks, Ambrose Purchase, Freeland, 2 00.
2d do, D R McElwain, Hastings, 1 00.
Best pair brown Leghorn fowls, C L Hogue,
Battle Creek, 2 00.
2d do, Ambrose Purchase, Freeland, 1 00.
Best pair brown Leghorn chicks, Z A Hartsuff,
Unadilla, 2 00.
2d do, J Lewis, Marengo, 1 00.
Best pair black Leghorn fowls, M C Woodmansee, Hastings, 2 00.
2d do, 4 F Ford & Co, Hastings, 1 00.
Best pair black Leghorn chicks, Ambrose Purchase, Freeland, 2 00.
2d do, 4 F Ford & Co, Hastings, 1 00.
Best pair Rowen ducks, H M Watson, Okemos,
200. Mason, 2 00.

2d do, O B Hosner, Hope, 1 00.

Best six beets for table use, M Harmon, Jackad do, Whipps Bros, Marien, Ohio, 1 00. Best six orange carrots, Whipps Bros, Marion, Ohio, 2 00.

2d do, E B Cochran, Parma, 1 00.

Best six white carrots, F willson, Jackson, 2:

2d do, w F Miller, Mason, 1 00.

Best six any other variety carrots, W F Miller,
Mason, 2 00.

2d do, whipps Bros, Marion, Ohio, 1 00.

Best six flat turnips, Whipps Bros, Marion,
Oldo, 200. Best pair Rowen ducks, H M Watson, Okemos, 2 00.
2d do, D R McElwain, Hastings, 1 00.
Best pair Aylesbury ducks, D R McElwain, Hastings, 2 00.
2d do, M C Woodmansee, Hastings, 1 00.
Best pair Cayuga ducks, Ambrose Purchase, Freeland, 2 00.
2d do, Ambrose Purchase, Freeland, 1 00.
Best pair topknot ducks, Ambrose Purchase, Freeland, 2 00.
2d do, Z A Hartsuff, Unadilla, 1 00.
Best pair Muskovy ducks, Z A Hartsuff, Unadilla, 2 00.
2d do, Jas Ball, Marshall, 1 00.
Best pair Pekin ducks, H N Watson, Okemos, 2 00. 2d do, Whipps Bros, Marlon, Ohio, 100.
Best six flat turnips, Whipps Bros, Marion, Ohio, 200.
2d do, W S Mason, Hanover, 100.
Best six Swede turnips, Whipps Bros, Marion, Ohio, 100.
Best six any other variety turnips, Whipps Bros, Marion, Ohio, 100.
Best six barsnips, B B Cochran, Parma, 200.
2d do, H Wixom, Mason, 100.
Best six salsify, Whipps Bros, Marion, Ohio, 20.
Best six winter radishes, Whipps Bros, Marion, Ohio, 200.
Best six summer radishes, H Purdy, Summit, 22 ddo, Whipps Bros, Marlon, Ohio, 100.
Best six summer radishes, H Purdy, Summit, 22 ddo, Whipps Bros, Marlon, Ohio, 100.
Best six summer radishes, H Purdy, Summit, 22 ddo, Whipps Bros, Marlon, Ohio, 200.
Best four heads drumhead cabbage, H Wixon, Mason, 200.
2d do, C B Roberts, Ypsilanti, 100.
Best four head cone-head cabbage, C B Robertson, Ypsilanti, 200.
2d do, P B Pierce, Jaokson, 100.
Best four head cabbage, T B Lord, Constock, 200.
Best four head cabliflower, M Marmon, Jack-00. 2d do, ZA Hartsuff, Unadilla, 1 00. Best pair Toulese geese, H M watson, Oke Best pair Toulese geese, H M watson, Okemos, 2 00.
2d do, M C Woodmansee, Hastings, 1 00.
Best pair brown Chinese geese, Z A Hartsuff, Unadilla, 2 00.
2d do, D R McElwain, Hastings.
Best pair Embden geese, Ambrose Purchase, Freeland, 2 00.
2d do, Ambrose Purchase, Freeland, 1 00.
Best pair white Chinese geese, Ambrose Purchase, Freeland, 2 00.
2d do, D R McElwain, Hastings, 1 00.
Best pair bronze turkeys, Z A Hartsuff, Unadilla, 2 00.
2d do, O K Fellows, Manchester, 1 00. tock, 2 00.

Best four head cauliflower, M Harmon, Jack-00. , C M Fellows, Manchester, 1 00. pair white turkeys, H F Ford & Co, Has 00. 2d do, M Waterbury, Ionia, 1 00. Best dozen stems rhubarb, H Pardy, Summit ngs, 2 00.
2d do, Ambrose Purchase, Freeland, 1 00.
Best pair buff turkeys, Ambrose Purch 00. Best six vegetable eggs, Whippe Bros, Marion, Ohio, 2 00. Best dozen peppers, Whipps Bros, Marion, 2d do, H F Ford & Co, Hastings, 1 vo. Best pair grey turkeys, Ambrose Purchase, Freeland, 2 00. Best pair slate turkeys, Ambrose Purchase, Freeland, 2 00. 2d do, H F Ford & Co, Hastings, 1 00. Best pair black turkeys, H F Ford & Co, Hast Dhio, 2 00. 2d do, C B Buckley, Leoni, 1 00. 2d do, C B Buckley, Leoni, 1 200.
Best peck any variety tomatoes, M Harmon, Jackson, 2 00.
2d do, W F Miller, Mason, 1 00.
Best peck white onions, Whipps Bros, Marion, Ohio, 2 00.
2d do, H Wixom, Mason, 1 00.
Hest peck red onions, Whipps Bros, Marion,

Best pair white Leghorn fowls, hase, Freeland, 2 00.
2d do, Ed Driggs, Palmyra, 1 00.

ngs, 2 00. Pair frizzled chicks, Ambrose Purchase, Free

DIVISION F-Farm and Garden Produc

CLASS 35-GRAIN AND SEEDS

Best bushel red winter wheat, F L Reed, Ol

best bushel red winter wheat, F L Reed, O vet, 6 00. 2d do, C A Searing, Lyons, 4 00. Best bushel white winter wheat, D Woodmar

Paw Paw, 6 00.

2d do, Whipps Bros, Marion, Ohio, 4 00.
Best bushel oats, Whipps Bros, Marion, Ohio

Hest 12 cars and Napoleon, 2 00.
2d do, C Lazelle, Napoleon, 1 00.
2d do, C Lazelle, Napoleon, 1 2-rowed, C La

burg, 2 00. 2d do, J H Phillips, Jackson, 1 00.

DAVID JONES, Judge.

ngs, 2 00.

2d do, D R McElwain, Hastings, 1 00.

Best pair pea-fowls, D R McElwain, Hastings. Ohio, 2 00.

2d do, H Wixom, Mason, 1 00.

Best peck red onions, Whipps Bros, Marion,
Oilo, 2 00.

2d do, J H McLien, Jackson, 1 00.

Best peck yellow onions, J H Corning, Henrietta, 2 00.

2d do, M Harmon, Jackson, 1 00.

Best five summer squashes, Mrs P B Pierce,
Jackson, 2 00.

2d do, C. Lazelle, Napoleon, 1 60.

Best five marrow squashes, Whipps Bros, Marlon, Ohio, 2 00.

Best five Hubbard squashes, Wm Randel,
Jackson, 2 00.

2d do, Whipps Bros, Marlen, Ohio, 1 00.

Best two sweet pumpkins, C Lazelle, Napeleon, 2 00.

Best two field pumpkins, Whipps Bros, Marlon, Ohio, 2 00.

Best three watermelous, A B Quick, Jackson, 2 00. Best pair pea-towis, D. R. McElwain, Hastings 3 00.
2d do, Ambrose Purchase, Freeland, 1 00.
Best pair pearl Guinea fowls, Ambrose Purchase, Freeland, 2 00.
2d do, Z. A. Hartsuff, Unadilla, 1 00.
Best pair white Guinea fowls, Z. A. Hartsuff, Unadilla, 2 00.
2d do, Ambrose Purchase, Freeland, 1 00.
Best pair canary birds, Z. A. Hartsuff, Unadilla, 2 00. 2 00.

Best collection of stuffed birds, Carlton Gilbert, Jackson, 10 00.

2d do, G W Chambers, Jackson, 5 00.

Best buck lop-eared rabbits, John M Bird, Ann Arbor, 2 00.

Best doe lop-eared rabbit, John M Bird, Ann Best doe lop-eared rabbit, John M Bird, Ann Arbor, 2 00.
Best pair white silk-haired rabbits, John M Bird, Ann Arbor, 2 00.
Best pair common rabbits, Ambrose Purchase, Freeland, 2 00.
Best show white mice, Ambrose Purchase, Freeland, 2 00.
Best show European dormice, Ambrose Purchase, Freeland, 2 00.
Best specimen of squirrels, Ambrose Purchase, Freeland, 2 00.
Best specimen of squirrels, Ambrose Purchase, Freeland, 2 00.
Best pair of ferrets, Z A Hartsuff, Unadilla, 2 00. 00. 2d do, Whipps Bros, Marlon, Ohio, 1 00. Post three muskmelons, Whipps Bros, Marlon Best three muskmetons, winder Dive, and Ohio, 2 00. 2d do, A D Quick, Jackson, 1 00. Best three nutmeg melons, A D Quick, Jackson, 2 00. 2d do, Whipps Bros, Marion, Ohio, 1 00. Best three citrons, P S Ray, Norvell, 2 00. Best five cucumbers, W S Mason, Hanover, 2 00. Best five cucumbers, w o massis, and 20, 2d do, Whipps Bros, Marlen, Ohio, 100.
Best half peck garden peas, Whipps Bros, Marlon, Ohio, 200.
2d do, E B Cochran, Parma, 160.
Best half peck Lima beans, Whipps Bros, Marion, Ohio, 200.
2d do, M flarmon, Jackson, 160.
Best half peck bush beans, Whipps Bros, Marion, Ohio, 260.
2d do, E B Cochran, Parma, 160.
Best half peck wax beans, A W Jewett, Mason, Pair black Java fowls. A G Weston, Unadilla 200.

Pair white Leghorns, rose-combed, A G Wes on, Unadilla, 200. Pair frizzled fowls, H M Watson, Okemos Pair Itizzied towis, it in wassen, Ozenice, 2 00.
Pair Partridge Cochin, pea-combed, D R McElwain, Hastings, 2 00.
Pair black Java chicks, H F Ford & Co, Hastings, 2 00.
Pair red Pile game bantam fowls H F Ford &
Co, Hastings, 2 00.
Pair Pile game bantams, D R McElwain, Hastings, 2 00. 2 00.
3d do, Whipps Bros, Marion, Ohio, 1 00.
Best six heads sunflower, C H Roberts, Ypsilanti, 1 00.
3d do, O B Hosner, Hope, 1 00.
Best six stems kohl rabi, H Wixom, Mason.
2 00.

L. H. BAILHY, Judge. CLASS 37-DISPLAY OF BOOTS AND VEGETABLES BY PROFESSIONAL GARDEN Best display roots and vegetables, C M Hubbell, Ypsilanti, 860.
3d do, H Marx, Detroit, 840.
3d do, J W Davis, Jackson, \$20.
Best display of potatoes, D B Harrington, Mason, \$25.
3d do, A W Jewett, Mason, \$15.
The Agricultural College had a very fine display of grain, seeds and vegetables that added much to the exhibition in this department.

I. H. BAILEY, Judge. Best busnel cats, Whipps Bros, Marion, Ohio, 3 00.
2d do, Frank Willson, Jackson, 2 00.
Best 12 ears yellow Dent corn, C Lazelle, Napoleon, 2 00.
2d do, Whipps Bros, Marion, Ohio, 1 00.
Best 12 ears white Dent corn, C Lazelle, Napoleon, 2 00.
2d do, Whipps Bros, Marion, Ohio, 1 00.
Best 12 ears any variety Dent corn, C Lazelle, Napoleon, 2 00.

Best white wheat flour, Eldred Milling Co, Jackson, \$3. 2d do, T B Taylor, Jackson, \$2. Best red wheat flour, Eldred Milling Co, Jackbeet red wheen nour, heared announ, 83.

3d do, C H Fauble, Waterford, 83.
Beet sample bolted meal, whippe on, Ohio, \$2.

2d do, T B Taylor, Jackson, \$1.
Best sample cornmeal, Whippe Br 2d do, C Lazelle, Napoleon, 1 00.

Best 12 ears yellow filmt corn, 12-rowed, C Lazelle, Napoleon, 2 00.

Best 12 ears yellow filmt corn, 8-rowed, H Tanner, Jackson, 2 00.

2d do, C Lazelle, Napoleon, 1 00.

Best 12 ears red filmt corn, blazed, J M Snyder, Jackson, 2 00.

2d do, W F Miller, Mason, 1 00.

Best 12 ears white filmt corn, blazed, C Lazelle, Napoleon, 2 00.

2d do, J H Phillips, Jackson, 1 00.

Best 12 ears weet corn, early, Whipps Bros, Marion, Ohio, 2 00.

2d do, W F Miller, Mason, 1 00.

Best 12 ears sweet corn, late, D H Ranney, Jackson, 2 00.

2d do, Whipps Bros, Marion, Ohio, 1 00.

Best 12 ears popcorn, Mrs L McClary, Galesburg, 2 00. Best sample cornmeal, Whippe Bros, Marion, Dhio, 32. 2d do, T B Taylor, Jackson, 31. Best sample ground feed, T B Taylor, Jackson, to 22.
2d do, Whipps Bros, Marion, Ohio, \$1.
Best sample buokwheat flows, Whipps Bros,
Marion, Ohio, \$2.
2d do, T B Taylor, Jackson, \$1.
Best sample rye flour, Whipps Bros, Marion,
Nho, \$2.
Best sample Graham flour, Whipps Bros, Ohio, \$2.

Best sample Graham flour, Whipps Bros, farion, Ohio, \$2.

2d do, T B Taylor, Jackson, \$1.

Best sample oatmeal, Whipps Bros, Marios, bloc, \$2. Ohio, \$2.

Best d splay of flour, meal and feed, Eldred
Miling Co, \$5.
2d do, T B Taylor, Jackson, \$3.

O B CRANE, Judge.

GLASS

Besi son, \$ 2d d Besi riman 2d d Besi Jacks 2d d Besi son, \$ Besi 2d d Besi on, \$ Besi son, \$ Besi son, \$ Besi son, \$ Besi

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DIVISION G-Dairy and Other Products MASS 39-BUTTER, CHEESE AND DAIRY ARTICLES. Jackson, \$15.
2d do, Mrs E Harwood, Leslie, \$12.
3d do, E Swift, Grass Lake, \$8.
Best 59 pounds creamery butter, Walter Bordwell, Olivet, \$15.
Best display of sheese, Walter Bordwell, Oligd do, Walter Bordwell, Olivet, \$15.
OP BAKER,
MRS ALIOE WING,
MRS ELLEN PYNCHON,

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Judges.

Best ten pounds maple sugar, J M Blowers awrence, 55.

Best gallon maple syrup, F M Benham, Menan, 83. 83. do, LA Atwater, Hopkins, \$2. at five gallons sorghum syrup, Mrs A J Cow est five gallons sorghum syrup, Mrs A J Cow-Henrietta, Sa. est three loaves bakers' bread, J A Sheeley, Best three leaves milk or self-raising bread, M E Bartlett, Jackson, \$3.
3d do, Miss A Kelley, Jackson, \$2.
Best three leaves soda-raising bread, M E Bartlett, Jackson, \$2.
2d do, Mrs Lucy McCleary, Galesburg, \$1.
Best three leaves yeast bread, M E Bartlett, Jackson, \$2. ackson, \$3. 2d do, Mrs S McGary, Jackson, \$1. Best corn bread, miss Minnie R De Puy, Jack Best Corn beath, and a summer to be bey, when so, so, so, so, so, 2d do, Mrs N D Crawford, Jackson, \$2. Best three loaves brown bread, Mrs S McGary, Jackson, \$3. 2d do, M E Bartlett, Jackson, \$2. Best sample Bour bread, made by girl 16 or under, M E Bartlett, Jackson, \$3. 2d do, Mrs Purvis, Jackson, \$2. Best sample brown bread, made by girl under 16 years, M E Bartlett, Jackson, \$2. Best display of pickled vegetables, Miss Lillie Moore, Fint, \$6. 2d do, Miss Nellie S Nabors, Flint, \$3. NON-ENUMERATED.

Display table sauce, Nellie S Nabors, Plint, \$1.
Meat pie, Mrs A Marshall, Parma, \$1.
Plum pudding, Mrs A Marshall, Parma, \$1.
C P B AKER,
MRS ALICE WING,
MRS ELLEN PYNCHON,
Ludges DIVISION H-Honey, Bees, Etc.

CLASS 42-BEEN, MONEY AND APIARIAN IMPLE-MENTS.

Best colony black bees, E Hutchinson, Rogers ville, \$10.
2d do, W D Higdon, Jackson, \$5.
Best colony Italian bees, W Z Hutchinson, 2d do, A D D Wood, Rives Junction, \$5.
Best colony Syrian bees, H D Cutting, Clinton

\$10.
2d do, W Z Hufchinson, Rogersville, \$5.
Best colony Carnolian bees, E Hutchinson,
Rogersville, \$10.
2d do, H D Cutting, Clinton, \$5.
Best display of full colonies of different races
of bees, W Z Hutchinson, Rogersville, \$10.
2d do, H D Cutting, Clinton, \$5.
Best specimen comb honey, H D Cutting, Clinton, \$10. ton, \$10.

2d do, E Hutchinson, Rogersville, \$5.
Best display comb honey, W Z Hutchinson
Rogersville, \$29.

2d do, H D Cutting, Clinton, \$10.
Best specimen extracted honey, W Z Hutchinson, Rogersville, \$3.

2d do, H D Cutting, Clinton, \$4.
Best display extracted honey, H D Cutting, Clinton, \$12.

Best display extracted noney, H D Cutting, Clinton, \$12.

2d do, W Z Hutchinson, Rogersville, \$6.
Best display comb honey by a lady, Anna R Cutting, Clinton, \$10.

Best ten pounds beeswax, Jno A Shelley, Lagrage 8. Jackson, \$5.
2d do, W Z Hutchinson, Rogersville, \$3.
Best bee feeder, W Z Hutchinson, Roger 2d do, H D Cutting, Clinton, \$1.
Best bee smoker, W Z Hutchinson, Rogers

Best bee smoker, wille, \$2.

2d do, H D Cutting, Clinton, \$1.

Best bee hive for all purposes, W Z Hutchin son, Rogersville, \$5.

2d do, A D D Wood, Rives Junction, \$3.

Best comb foundation machine, H D Cutting Best comb foundation machine, h D culinton, \$8. 2d do, A D D Wood, R.ves Junction, \$4. Best comb foundation made on the grounds,
A D D Wood, Haves Junction, \$5.
2d do, HD Cutting, Clinton, \$2.
Best specimen comb foundation, H D Cutting, Clinton, \$4. 2d do, A D D Wood, Rives Junction, \$2. Best honey extractor, A D D Wood, River Junction, \$5.

Junction, \$5.

2d do, H D Cutting, Clinton, \$3.

Best honey knife, O A Quick, Leoni, \$2.

2d do, D D Higdon, Jackson, \$1.

Best machine for making holes in frames for wiring, H D Cutting, Clinton, \$2.

Best queen cage for introducing queens, O A Quick, Leoni, \$2.

2d do, W Z Hutchinson, Rogersville, \$1.

Rest queen cage for shipping, H D Cutting, Clinton, \$2. 2d do, W Z Hutchinson, Rogersville, \$1.
Rest queen cage for shipping, H D Cutting.
Clinton, \$2.
2d do, W Z Hutchinson, Rogersville, \$1.
Best section box for comb honey, A D D
Wood, Rives Junction, \$2.
2d do, H D Cutting, Clinton, \$1.
Best wax extractor, W Z Hutchinson, Rogersville, \$3.
2d do, H D Cutting, Clinton, \$2.
Best display spiarian implements, H D Cuting, Clinton, \$10.
2d do, W Z Hutchinson, Rogersville, \$5.
Rest collection honey producing plants, H D
Cutting, Clinton, \$10.
2d do, W Z Hutchinson, Rogersville, \$5.
Best collection of bee literature, H D Cutting,
Clinton, \$10.

Best collection of the Sinton, \$10.
2d do, W Z Hutchinson, Rogersville, \$5.
2d da, W Z Hutchinson, Rogersville, \$5.
Best and largest exhibit in this department, B
D Cutting, Clinton, \$6.

A B MASON, Judge.

DIVISION L-Manufactured Goods CLASS 52-MATERIALS.

Best display of fine wools, L W & O Barne Best display of fine wools, L W & O Barnes, Byron, 37.
3d do, C Hibbard & Son, Bennington, \$3.
Best display of long wools, Frank Willson, Jackson, \$7.
2d do, A F Wood, Mason, \$5
3d do, M E Bartlett, Jackson, \$3.
Best display of middle wools, Frank Willson, Jackson, \$7.
2d do, C A Searing, Lyons, \$5.
3d do, M E Bartlett, Jackson, \$3.
Best display of prepared flax, Mrs Lucy Mc Clary, Galesburg, \$5.

NON-ENUMERATED.

Display of wool, D B Harrington, Mason, \$7. GEO T WOOD, G W WESTFALL, Judges. CLASS 55-ARTICLES OF LEATHER AND INDIA RUE Best display of trunks, Merriman & Co. Jack

son, \$10.

2d do, J A Campbell, Jackson, \$5.

Best double carriage made in Michigan, Merriman & Co, Jackson, \$3.

2d do, J A Campbell, Jackson, \$2.

Best single buggy harness, Merriman & Co,
Jackson, \$2. A do, s A best single buggy harmen, seekson, \$8. 2d do, J A Campbell, Jackson, \$2. 2d do, J A Campbell, Jackson due, Merrims Best double harness for farm use, Merrims Best double harness for farm use, Merriman Co, Jackson, \$3. Best display of leather, Cewley & Davis, Jack-Best riding bridle, Merriman & Co, Jackson,

Best horse collar, J D Lane, Onondaga, \$2.

2d do, Merriman & Co, Jackson, \$1.

Best display of leather belting, Warner & Dodge, Jackson, \$2.

Best display of boots and shoes C H Fargo & \$0, Jackson, \$10. WON-ENUMERATED.

Case of felt boots and shoes, Sheldon Bros. JT COBB, JF VANDEVENTER,

CLASS-56 ARTICLES OF FURNITURE. Best display of furniture H C Ransom, Jack 2d do, Henry Simmons, Jackson, \$15. Best set of parlor furniture, H C Ransom Jackson, 300.

Best set of chamber furniture, H C Ranson Jackson, 810. ackson, \$1 chamber furniture, it c kansom, ackson, \$1.

2d do, Henry Simmons, Jackson, \$7.

Best center table, Henry Simmons, Jackson, \$3.

2d do, H C Ransom, Jackson, \$2.

Best deak, Henry Simmons, Jackson, \$3.

2d do, H C Ransom, Jackson, \$2.

2d do, H C Ransom, Jackson, \$2.

Best lounge or couch, H T Ransom, Jackson, \$3.

2d do, Henry Simmons, Jackson, \$2. Best library table, Henry Simmons, Jackso Best mantle mirror, H C Ransom, Jackson, \$6.9d do, Mrs T Gunnison, Jackson, \$3.
Best mattress for bed, H C Ransom, Jackson,

Best office chair, Henry Simmons, Jackson, \$2. Best mirror base, H C Ransom, Jackson, \$5. Best sofa, Henry Simmons, Jackson, \$3. 2d do, H C Ransom, Jackson, \$2. Best smoking or lounging chair, Henry Simmons, Jackson, \$3.

d do, Henry Simmons, Jackson, &2. NON-ENUMERATED.

Bed spring, D Kellogg, Jackson, \$1.
Hammook chair, Z S Moore, \$1.
Burial caskets, Owosso Casket Co, Owosso, \$5.
Book case and secretary, H W Stanbridge,
ackson, \$3.
Rattan Rocker, Henry Simmons, Jackson, \$2.
Inlaid box, H W Stanbridge, Jackson, \$1.
Baby teeter, J W Hewett, Jackson, \$3.
E A STRONG,
B G BUELL,
Judges.

Judges. SASS OF STONE, IBON AND ORNAMENTAL WORK Best parlor grate, Warner & Dodge, Jackson,

NON-ENUMERATED. Carriage steps, Lusk & Co, Jackson, \$2. JOHN TRUE, W H HAIGHT, Judges.

DIVISION N-Art. CLASS 61-PAINTING, SCULPTURE, ETC. Best collection of oil pantings, A J Brow, Detroit, \$250.
Best collection of water colors, A J Brow, Detroit, \$25.
Best historical painting in oil, A J Brow, Detroit, \$25. Best historical painting in oil, A J Brow, 25 troit, \$20.
2d do, A J Brow, Detroit, \$10.
Best landscape in oil, Michigan scenery, A J Brow, Detroit, \$10.
2d do, A J Brow, Detroit, \$5.
Best landscape in oil, A J Brow, Detroit, \$10.
2d do, A J Brow, Detroit, \$5.
Best landscape water colors, Michigan scenery, A J Brow, Detroit, \$8.
2d do, A J Brow, Detroit, \$5.
Best marine painting in oil, A J Brow, Detroit, \$10. 810.
2d do, A J Brow, Detroit, \$5.
Best portrait in oil, A J Brow, Detroit, \$10.
2d do, Perry J Averill, Jackson, \$5.
Best pastel landscape painting, A J Brow, Deroit, \$5.
2d do, A J Brow, Detroit, \$3.
Best special subject in oil, A J Brow, Detroit, 5.

25.
2d do, A J Brow, Detroit, \$3.
Best special subject in water colors, AJ Brow Detroit, \$5.
2d do, A J Brow, Detroit, \$3.
Best winter piece in oil, A J Brow, Detroit \$10. 2d do, A J Brow, Detroit, \$5. Best display of gilt frames, A J Brow, Detroit 5. Best display of frames, bronze or wood, A

Best display of frames, bronze or wood, A J Brow, Detroit, 85.

Best animal photograph, Clara Coston, Jackson, \$2.

Best collection of photographs, J J Gibson, Ann Arbor, \$10.

2d do, Clara Coston, Jackson, \$5.

Best cabinet photograph, J J Gibson, Ann Arbor, \$2.

2d do, Clara Coston, Jackson, \$1.

Best colored portrait photograph, Miss E N Barnum, Adrian, \$2.

2d do, Miss Nellie S Heusted, Fenton, \$1.

Bu Professional Artists and Tauchers By Professional Artists and Teachers. Best animal piece from life in eil, W Machen, Detroit, \$10. 2d do. Clara Coston, Jackson, \$5. Best animal painting in water colors, W Machen, Detroit, \$5. Machen, Detroit, \$5.
Best bird piece in oil, W H Machen, Detroit, \$5.
Best bird piece in oil, W H Machen, Detroit, \$5.
Best composition landscape in oil, Robert Hopkins, Detroit, \$5.
2d do, Robert Hopkins, Detroit, \$8.
Best collection of five oil paintings, Robert Hopkins, Detroit, \$10.
2d do, W B Conely, Detroit, \$5.
Best collection of five water color paintings, John Owen, Detroit, \$5.
2d do, Clara Coston, Jackson, \$3.
Best truit piece in oil, W H Machen, Detroit, \$5. 2d do, Mrs W F Antisdel, Detroit, \$3. Best fancy painting in oil, W B Conley, Detroi Best fancy painting in oil, W B Conley, Detroit, \$5.

2d do, Clara Coston, Jackson, \$3.

Best fancy painting in water colors, Mrs Garreston, Detroit, \$5.

2d do, Clara Coston, Jackson, \$3.

Best historical painting in oil, John B Potter, Lansing, \$5.

Best landscape in oil from nature, Robert Hopkins, Detroit, \$10.

2d do, John Owen, Detroit, \$5.

Best landscape in water colors, Robert Hopkins, Detroit, \$10.

2d do, John Owen, Detroit, \$5.

Best marine scene in oil, Robert Hopkins, Detroit, \$10.

2d do, Josie B Mann, Jackson, \$5.

Best portrait from life large size, W H Machen, Detroit, \$5. Hest portrait from life large size, which maches, betroit, \$5.
2d do, W B Conley, Detroit, \$5.
Best portrait from life cabinet size, W H Machen, Detroit, \$5.
2d do, Mrs W F Antisdel, Detroit, \$3.
Best pastel portrait, — Dennis, Detroit, \$5.
2d do, Clara Coston, Jackson, \$3.
Best winter piece in oil, Mrs W F Antisdel, Deroit, \$5.

noir, \$5.
2d do, Clara Coston, Jackson, \$3.
Best crayon portrait, Clara Coston, Jackson 5. 2d do, Kate L Booth, Kalamazoo, \$3. Best pastel painting, Clara Coston, Jackson 2d do, Clara Coston, Jackson, \$3. NON-ENUMERATED. Satin painting, Miss H M Edgar, Jackson, \$1 Display of Bronze, W R King & Co, Detect, \$5 Fire screen in oil, Miss E N Barnum, Adrian Outdoor group work, J J Gibbs, Ann Arbor, \$3 Collection of portraits in India ink, Cassidy & Co, Deep River. \$5.

CLASS 62-PAINTING AND DRAWING BY AMATEU ARTISTS.

Bird piece in oil, W N Adams, Jackson, \$3.
2d do, Mrs G M Devlin, Jackson, \$2.
Bept collection of five oil paintings, Mrs W K
Gibson, Jackson, \$3.
2d do, Mrs J Gunnison, Jackson, \$2.
Best collection of five water color paintings,
Mrs W K Gibson, Jackson, \$3.
2d do, Mrs G M Devlin, Jackson, \$2.
Best collection of five paintings on slate, Mrs
W K Gibson, Jackson, \$5.
Best display of 25 pieces decorated porcelain,
Mrs W B Webb, Jackson, \$10.
2d do, Mrs W K Gibson, Jackson, \$5.
Fruit piece in oil, S Robinson, Ablon, \$2.
Best flower piece in oil, Mrs W K Gibson,
Jackson, \$3.

FOSTER PRATT, W H WITHINGTON, F B STOCKBRIDGE,

Jackson, 83.
2d do, Miss E N Barnum, Adrian, \$2.
Best fancy painting in water colors, Florence
Whipps, Marion, Ohio, 83.
2d do, Mrs D C Mesrell, Jackson, \$2.

2d do, Mrs D C Mesrell, Jackson, \$2.

Best landscape in oil of Michigan scenery,
Mrs J Gunnison, Jackson, \$5.

Best landscape in water colors, Florence
Whipps, Marlon, Ohio, \$5.

2d do, *rs G M Devlin, Jackson, \$3.

Best marine scene in oil, Mrs G M Devlin,
Jackson, \$3.

2d do, Mrs J Gunnison, Jackson, \$2.

Best oil painting by a person under 15 years
old, S Robinson, Albion, \$5.

2d do, Grace W Ford, Jackson, \$3.

Best painting on porcelain, Kate L Booth,
Kalamazoo, \$3.

2d do, Mrs H M Griswold, Jackson, \$2.

Best painting on ebonized panel, Kate L

Booth, Kalamazoo \$3.

2d do, Mrs W K Gibson, Jackson, \$2.

Best painting on holly, Mrs W K Gibson, Jackson, \$2.

Best painting on holly, Mrs W K Gibson, Jackson, \$2.

Best painting on holly, Mrs W K Gibson, Jackson, \$2.

Best painting on holly, Mrs W K Gibson, Jackson, \$2.

Best painting on holly, Mrs W K Gibson, Jackson, \$2.

Best painting on holly, Mrs W K Gibson, Jackson, \$2.

Best painting on holly, Mrs W K Gibson, Jackson, \$2.

Best painting on holly, Mrs W K Gibson, Jackson, \$2.

Both, Mrs Nellie S Heusted, Fentonville, \$1.

Best painting on holy, also do. 82.

2d do, Miss Nellie S Heusted, Fentonville, \$1.
Best painting on plaque, Mrs. W K Gibson, Jackson, \$3.

2d do, Grace W Ford, Jackson, \$2.
Best painting on slate, Mrs W K Gibson, Jack 00n, \$3. 2d do, Mrs J Gunnison, Jackson, \$2. Best crayon drawing of face, Kate L Boot

2d do, Mrs J Gunnison, Jackson, \$2.
Best crayon drawing of face, Kate L Booth,
Kalamazoo, \$3.
2d do, Olive Dikeman, Three Rivers, \$2.
Best crayon drawing of animal, Grace W
Ford, Jackson, \$3.
Best crayon drawing of landscape, F H Haywood, Mt Clemens, \$2.
2d do, John B Potter, Lansing, \$1.
Best India ink drawing, LO Reber, Jackson, \$2.
Pencil drawing of animal, ME Bartlett, Jackson, \$1.
Pencil drawing of landscape, M E Bartlett,
Jackson, \$1.
Best pencil drawing by a person under 14 Best pencil drawing by a person under 14 years of age, M E Bartlett, Jackson, \$2.

Best flower piece in oil, Kate L Booth, Kala-

NON-ENUMERATED. Painted banner, Kate L Booth, Kalamazoo, \$2 Colored photograph, Kate L Booth, Kalama 200, \$2.

Specimen of painting on wood, Mrs D C Meseroll, Jackson, \$1.

Etched lichen, Miss C Chapman, Reading, \$1.

Collection bracket painting, Mrs F A Bradley, Jackson, \$2.

Clay modeling by hand, Mrs F A Bradley, Jackson, \$2.

Collection of crayon drawing, Grace W Ford, Jackson, \$2.

Fancy painting on felt, Mrs Capt. Tynell, Jackson, \$2.

Fancy painting on velyet, Mrs B Baker, Three Rivers, imen of painting on wood, Mrs D C Mes Painting on velvet, Mrs B Baker, Three Rivers Crayon drawing of figure, F H Haywood, Mt. Clemens, \$3.
Painting on state, Nellie S Housted, Fenton-ville, \$1.
Collection of painting on tiles, Mrs S E Wells,

FOSTER PRATT,
W H WITHINGTON,
F B STOCKBRIDGE,
Judges.

DIVISION O-Needle and Fancy Work. CLASS 63-ARTICLES OF LADIES' DRESS. Best corset, Mother Hubbard Corset Co, De Best corec, and millinery goods, J C Richardson & Co, Jackson, \$5.
Best infants suit, A D Quick, Jackson, \$1.
Best lady's trimmed bonnet, Neille S Heusted, Fentonville, \$1.

MRS-H B HAYDEN.

MRS H B HAYDEN, MRS W B WE '8, MRS THOMPSON, Judges.

CLASS 64-PLAIN NEEDLE AND FANCY WORK. Best sample of brading by hand, Mrs C B Westren, Henrietta, \$1. 2d do, Will N Adams, Jackson, 50 cents. Hest darning, Mrs M A Chisholm, Marshall, \$1. 2d do, Mrs C B Westren, Henrietta, 50 cents, Best hemstitching, Mrs F A Bradley, Jackson,

22d do, Miss C Chapman, Reading, \$1.

Best pair plain handkerchlefs by hand, M E
Bartlett, Jacksou, \$1.

2d do, Mrs A M Stearns, Kalamazoo, 50 cents,
Best pair plain pillow cases by hand, Mrs M A
Gaisholm, Marshall, \$1.

2d do, Mrs Lucy McClary, Galesburg, 50 cents.
Best plain sheets by hand, Mrs M A Chisholm,
Marshall, \$1. Marshall, \$1.

2d do, Mrs Lucy McClary, Galesburg, 50 cents.

St. Gregory & Co, Albion, \$10.

Best plain white muslin quilt by hand, Mrs Lucy McClary, Galesburg, \$2.

Best calico patchwork quilt by aand, Miss Satie Kennedy, Jackson, \$2.

Best silk patchwork quilt by hand, Mrs J N Porter, Jackson, \$5.

2d do, Mrs Jessie Cady, Grand Rapids, \$2.

Best worsted patchwork quilt by hand, S A Schermerhorn, Jackson, \$2.

2d do, Nenie S Heusted, Fentonville, \$1.

Plush quilt, pieced by hand, Miss Ann Cham plain, Three Rivers, &. Crazy quilt, Mrs Nellie, McDuff, Jackson, \$1. Hand painted bed spread, Mrs D C Meseroll Jackson, \$5. MRS H B HAYDEN, MRS W B WEBB, MRS THOMPSON, Judges.

LASS 65-EMBROIDERY AND ORNAMENTAL NEEDL WOBK. Work.

Best applique embroiderv in silk or worsted
Nettie Leader, Jackson, \$2.
2d do, Miss A B Chandler, Coldwater, \$1.
Best arrasene embroidery, Mrs D C Meseroll,
Jackson \$2. Jackson \$2.

2d do, Miss A B Chandler, Coldwater, \$1.

Best chenille embroidery, Mrs CoraHall, Jackson son, \$2.
2d do, C B Westren, Henrietta, \$1.
Best crewel embroidery, Mrs C B Albertson, Fenton, \$2
2d do, Miss Gertie McClary, Galesburg, \$1.
Best Kensington embroidery, Mrs Einer Hills,

2d do, Mass Gerne McChary, Galesaurg, st.
Best Kensington embroidery, Mrs Einer Hills,
Delaware, Ohio, \$2.
2d do, Mrs C B Westren, Henrietta, \$1.
Best collection of embroidery, Mrs F G Stebbins, Adrian, \$6.
2d do, Mrs Einer Hills, Delaware, Ohio, \$4.
Best embroidered banner, Mrs Einer Hills, Best embroidered banner, Mrs Einer Hill Delaware, Ohio, \$2. 2d do, W N Adams, Jackson, \$1. Best embroidered chair or ottoman cover ilk, Mrs F B Stebbins, Adrian, \$2. 2d do, Mrs Einer Hills, Delaware, Ohio, \$1. Best embroidered chair or attendant in Best embroidered chair or ottoman in worste Mrs Frank Johnson, Pontiac, &. 2d do, Mrs C B Westren, Henrietta, &I. Best embroidered dressing gown, Mrs S Felly Lecker, & W. 2d do, firs C B Westren, Henrietta, \$1.
Best embroidered dressing gown, Mrs S I
Wells, Jackson, \$3.
Best embroidered foot rest, Mrs C B Alberton

Weins, Jackson, 33.

Best embroidered foot rest, Mrs C B Alberton, Fenton, 31.

2d do, Mrs Elliot Thompson, Adrian, 50 cents. Best embroidered fire screen, Mrs F G Stebbins, Adrian, 34.

2d do, Mrs D C Meseroll, Jackson, 32.

Best embroidered handkerchief in cotton or linen, Mrs S E Weils, Jackson, 31.

Best embroidered infants blanket in silk, Miss Carrie H Choate Jackson, 31.

Best embroidered infants dress. Mrs A B Chandler, Coldwater, 31.

2d do, Mrs Elner Hills, Delaware, Ohio, 31.

Best embroidered letter in silk, Carrie H Choate, Jackson, 31.

2d do, Mrs C B Westren, Henrietta, 50 cents. Best embroidered dress or cloak in silk, Mrs Elner Hills, Delaware, Ohio, 33.

2d do, Mrs J H Dennis, Hastings, 31.

Best embroidered night dress, Mrs J H Cowing, Henrietta, 32.

Best embroidered night dress, Mrs JH Cowing, Henrietta, \$2. 2d do, Mrs A M Stearns, Kalamazoo, \$1. Best embroidered pillow shams in cotton or linen. Miss L Peck, Jackson, \$2. 2d do, Miss Carrie H Choate, Jackson, \$1. Best embroidered piano or table cover, Mrs D C Meseroll, Jackson, \$4. 2d do, Mrs Cora Hall, Jackson, \$2. Best embroidered sofa pillow in silk, Mrs D M Fleming, Jackson, \$3.

Best embroidered sofa pillow in silk, Mrs D M Fleming, Jackson, \$3.
2d do, Mrs C W Westren, Henrletta, \$1.
Best embroidered tidy in silk, Mrs F G Steboins, Adrian, \$2.
2d do, Miss A B Chandler, Coldwater, \$1.
Best embroidered toilet set, Mrs F G Stebbins, Best embroidered tollet set, Mrs F G Stendams, Adrian, \$2. 2d do, Miss Nettle Leader, Jackson, \$1. Best embroidered table scarf, Mrs F G Steb-Best embroidered table scarf, Mrs F G Stebbins, Adrian, \$2.
2d do, Miss Kate L Booth, Kalamazoo, \$1.
Best cut or tufted work, Miss Nellie E Heusted, Fentonville, \$2.
2d do, Mrs S E Wells, Jackson, \$1.
Best collection of lace work, Mrs H A Stick-

Best collection of lace work, Mrs H A Stici ney, Jackson, \$3. 2d do, Mrs L M Salisbury, Hudson, \$2. Best Honiton lace, Mrs L M Salisbury, Hudson 2d do, Miss Nellie S. Heusted, Fentonville, \$1. Best drawn work, Mrs D M Fleming, Jackson, 22. do, Miss L Peck, Jackson, \$1.

Best darned net work, Miss A B Chandler, Coldwater, \$1.

2d do, Mrs D Harbaugh, Jackson, 50 cents.

Best darned net work pillow shams and bed spread, Miss L Brockway, Somerset Center, \$3.

2d do, Mrs O Robinson, Albion, \$2.

Best etching in cotton, linen or silk, Mrs J H Dennis, Hastings, \$2.

2d do, Mrs W K Gibson, Jackson, \$1.

Best fancy phi cushion, Mrs D M Fleming, Jackson, \$1.

Best fancy pin cusnion, Mrs D m Fleming Jackson, Si. C B Westren, Henrietta, 50 cents. Jest fancy bag, Mrs W K Gibson, Jackson, Si 3d do, Miss A B Chandler, Coldwater, 50 cents Best fancy apron, Mrs F G Stebbins, Adrian

Best lancy apron, Mrs F G Stebbins, Adrian, \$1.

2d do, Missie Jessie Cady, Grand Rapids, 50c.
Eest home made rug crochet or knit, Miss Jessie Cady, Grand Rapids, \$2.

2d do, Mrs W D Martin, Henrietta, \$1.
Best home made rug, drawn, C Eidridge, Albion \$2,

2d do, H C Richardson, Sandstone, \$1.

Pair lamp mats in worsted, Mrs E Thompson, Adrian, 50 cents.
Best pair slippers in silk or wersted, Mrs Elper Hills, Delaware, Ohio, \$1.

Best macrame work, Mrs C B Westren, Henrietta, \$2. Best macrame work, Mrs C B Westren, Henrietta, 82.

2d do, Mrs F A Bradley, Jackson, \$1.

Best mantel lambrequin, Mrs A B Bolton,
Jackson, \$2.

2d do, Miss Nettie Leader, Jackson, \$1.

Best rick rack specimen, Miss A B Chandler,
Coldwater, \$1.

2d do, M B Bartlett, Jackson, 50 cents.

Best sample raised work, W N Adams, Jackson, \$1.

son, \$i.

2d do, Mrs Frank Johnson, Pontiac, 50 cents
Best toilet set in lace or muslin, M E Bartlett Best tollet set in lace or musin, M. E. Bartiett, ackson, \$1. 2d do, Mrs C B Westren, Henrietta, 50 cents. Best tatting, Mrs C B Westren, Henrietta, \$1. 2d do, M E Bartlett, Jackson, 50 cents.

Display of fancy articles, G A Saduorian, Ann Arbor, \$5. Log cabin quilt, Hattie Clough, Tompkins Center, 50 cents.
Display of silk worms, Emma A Eddy, Hills Display of sina works,
lale, 50 cents.

Chemise, Mrs Ann Marshall, Parma, \$2.
Tidy, Mrs Ann Marshall Parma, 50 cents.
Turkish foot rest, Mrs Elliot Thompson,
Adrian, \$1.
Table cover, Mary B Robinson, Jackson, \$3.
Satin tidy, Mrs Elliot Thompson, Adrian, 50c.
MPS H at HAYDEN,

MRS H & HAYDEN, MRS W B WEBB, MRS THOMPSON,

CLASS 66-CROCHET, KNIT AND FANCY WORK. CLASS 66—CROCKET, KRIT AND FARCY WORK.
Best Afghan robe, Mrs D M Fleming, Henrictta, \$5.
2d do, Kate L Boeth, Kalamazoo, \$3.
Best bed spread, crochet or knit, Miss L Peck, Jackson, \$3.
2d do, Mrs Frank Johnson, Pontiac, \$2.
Best cotton tidy, Miss Nettie Yenor, Tompkins Center, \$2.
Childs' Afghan robe, Mrs C B Westren, Henricht \$3. rietta, \$1.

Best childs' shirt, Carrie H Choate, Jackson 22. Best collection of work in this class, M K Bartlett, Jackson, \$5. 2d do, Mrs Elliot Thompson, Adrian, \$3. Best fancy mittens, Mrs L E Knight, Gaines, 2d do, M E Bartlett, Jackson, \$1. Best fancy purse, Miss U Chapman,

\$1.
2d do, W N Adams, Jackson, 50 cents,
Gents scarf, miss Julia Vanderlyn, Jackson, \$1
Best hood, crochet or knit, Mrs U B Westren
Henrietta, \$2.
2d do, Miss Carrie Choate, Jackson, \$1.
Best infants shoes, Miss Carrie Choate, Jack Sest mans snoes, also carrie Chouce, Sacrson, \$1.
2d do, Mrs Elliot Thompson, Adrian, 50 cents, Leggins, crochet or knit, Levi Swann, Dansville, \$1.
Best lady's sacque, Mrs Elliot Thompson, Adrian, \$2.
Best skirt, crochet or knit, Mrs Heber Coddington, Kalamazoo. &2.
2d do, Mrs Marie Caldwell, Grass Lake, \$1.
Best shawl, crochet or knit, Minnie R DePuy.

NON-ENUMERATED.

Bed spread and sham, Mrs M A Hubbard,
Grand Rapids, \$2.
Specimen of knit work, Mrs W D Martin, Henrietta, \$1.
Pair of knit wool hose, Mrs H Stearns, Somer-Fair of an and a set, 50 cents.

Fancy cotton stockings, Miss Nellie Yenor, Tompkins Center, \$1.

MRS H B HAYDEN, MRS THOMPSON, MRS W B WEBB, 1 Judges

ackson, \$3.
2d do, Miss A B Chandler, Coldwater, \$2.

CLASS 67-HAIR, SHELL AND WAX WORK. Rest artificial flowers in silk, Mrs Caddie Webster, Jackson, &. Best display of hair work, Mrs J F Avery Jackson, 83.
Best display of shell work, Miss Lucile Berger, Tecumseh, &.

Best display of wax work, Mrs Ella Swan, tackson, \$3. NON-ENUMERATED.

Feather bouquet, A S Fish, Parma, 50 cents.
Feather bouquet, A S Fish, Parma, 50 cents.
Wax cross, Z S Moore, Jackson, \$1.

MRS H B HAYDEN,
MRS THOMPSON,
MRS W B WEBB,
Judges. DIVISION P-Miscellaneous

Etched lichen, Miss C Chapman, Reading

CLASS 68-MISCELLANEOUS ARTICLES. Best display of fire brick, Jackson Fire Clay Co, Jackson, 88.

Best barrel of fine salt, J W Fleming, Jackson 83.

Best barrel of ground plaster, J W Fleming, Jackson, 82. Best specimen of iron ore, Thomas Westren, Jackson, & Best native copper, John J Dever, Jackson, & Best silver ore, John J Dever, Jackson, & Best work in marble, C W Hills, Jackson, & Best work in marble, C W Hills, Jackson, & B. NON-ENUMERATED.

Display of fire clay goods, Bennett Sewer Pipe Display of fire clay goods, Bennett Sewer Pipe Co, Jackson, \$10.

Display of linseed oil cakz, E W Slatchford & Co, Chicago, III, \$2.

Display of soft ground horse shoes, L Brigham, Orangeville, \$2.

Display of sewer pipe and tile, Jackson Fire Clay Co, Jackson, \$7.

Display of paving brick, Jackson Fire Clay Co, Jackson, \$7.

Display of paving brick, Jackson Fire Clay Co, Jackson, \$2.

Horse, cattle and poultry food, L A Raven & Co, Chicago, III, \$2.

Display of carp, G E Morey, Reading, \$5.

Case of hand made horse shoes, H J Winters & Bros, Eaton Rapids, \$5.

Case of hand made horse shoes, A Manne, Lausing, \$3.

Lansing, \$3.

Never slip horseshoe calk, Fred Carlisle, Detroit, \$3. HENRY CHAMBERLAIN, T D DEWEY, CLASS 69-HOUSEHOLD ARTICLES.

Best fruit dryer, W L Plummer, Detroit, \$5. NON-ENUMERATED. Clothes reel, Perry & Cooley, Battle Creek. \$3. T D DEWEY, HENRY CHAMBERLAIN, Judges.

DIVISION Q-Children's Department.

Best specimen of hand sewing, Eva Stearns, Kalamazoo, & Stearns, Yad do, Anna Fellows, Manchester, \$1. Specimen of patchwork, Eva Stearns, Kalamazoo, 50 cents.
Calico patch workquilt, M Messmer, Jackson, 50 cents.

Best specimen of painting on wood, M Messmer, Jackson, \$1.

Best hanging basket, M Messmer, Jackson, 50 cents.

Sample of canned fruit, Eva Stearns, Kalamazoo 50 cents.

Sample of jelly, Eva Stearns, Kalamazoo, 50 cents. 50, cents. Best specimen of penmanship, Emily E War ner, Jackson, \$1.
2d do, Frank J Maywood, Blackmore, 50 cents.
MRS H B BAYDEN,
MRS W B WEBB,
MRS THOMPSON,

Something New

and most important. Hullett & Co., Portland Maine, can furnish you work that you can do at great profit and live at home, wherever you are located. Either sex; all ages. Asa P. Rand, Westboro, Mass., writes us that he made \$60 profit in a single day. Every worker can make from \$5 to \$25 and upwards per day. All is new. Capital not required; you are started free. Full particulars free. Send your address at once.

Horticultural.

The Current Aphis. In the description we gave of the cherry

aphis, Myeus cerasi, it was shown that it also frequently was found upon current bushes. There is yet another species of aphis which is common to these fruit bushes, namely, the Rhopalosiphum ribis, and as this is quite distinct, we now give its history, and point out the distinction between these two species of aphides. The Rhopalosiphum, or current aphis proper, makes galls or swellings form upon the upper sur faces of the leaves both of black and red current bushes. These swellings look like blisters raised by the sun, and are mainly of a red color. Upon examination of the under surface of the leaves companies of larvæ will be seen actively sucking away at the leaves and making them blister, curl up. and eventually drop off. Although this aphis does not do so much harm as the Myzus, it often weakens the bushes considerably, so that the currants drop or "run" off, and the bunches "shank" like grapes in vineries from the exhaustion of the juices of the leaves, and consequently of the vital power of the bushes. The bushes upon the poorer land of fruit plantations, or where the drainage is bad, or what are known in Kent on the Green Sand soils as "pinnocky places," are more liable to receive injury from this aphis. This is because the bushes ecome exhausted sooner upon indifferent and. As there is no honey dew from these and undetected, the galls and changed coloring of the leaves being attributed to conditions of weather or soil. Kaltenberg points out that this aphis is well known in dermany as a foe to the current bushes-Taschenberg also describes it as forming lumps upon their leaves, and making them curl up. Professor Lintner, in the First Annual Report of the Entomology of the State of New York, alludes to the blisterlike elevation upon currant leaves caused by it in American fruit plantations. Mr. Saunders speaks of it as "an importation from Europe, where it has long been injurous to the currant."

Life History .- Early in May the wingless female, viviparous, or bringing forth living young, may be found upon the leaves. In a day or two, the under surfaces of the leaves are covered with larvæ, whose continuous pumping with their club-shaped siphons disarranges the delicate economy of the leaf issue, and sucks out the life-blood of the bush. Compared with the winged females and the winged males this progenitrix is large. It is of a yellowish or yellowish green olor, and of a somewhat oval shape. After time, the larvæ put on pupal form, and soon the winged female speeds from the colony upon long translucent wings to deposit living young on other current bushes. It is prettily marked, having a yellow body with black and green bars and spots. The thorax is black. The legs are yellow with black extremities, while the antennæ are long and black. Similar to this is the winged male, though rather smaller. The wingess, egg-laying female, with which the male pairs in August, is darker in color, and smaller than the wingless viviparous female. the direct product of the eggs. These are ong, large, and peculiarly shaped, being fastened to the stems and twigs of currant bushes by a glutinous liquid, and carefully placed under the thin exfoliated layers of bark, or, more properly; skin, as it is so delicate.

Propontion. - Black current bushes infested with aphides must be cut very "hard" in the autumn, and all the cuttings should be removed far from the plantation. If eggs are found upon the stems that are left these should be washed over with a solution of soft soap and petroleum put on with a large paint brush worked well up and down. Red current bushes may be treated similarly, care being taken to work the solution well into the joints between the "snags," or lit-

tle twigs upon which the fruit comes. Remedies.-Washing or syringing with soft soap and quassia is the best remedy that can be resorted to, but this is a difficult

Quantity vs. Quality.

The Horticultural Times, England, offers some comments on the condition of the fruit ousiness in England which seem somewhat applicable to the state of trade in fruits in this country: "As showing the impracticable and short-

sighted remarks appearing in the columns of

some of the dailies respecting the unremun-

erative prices of home-grown produce, and

in corroboration of our contention that fruit culture may be made to pay, and to pay well too, if the home-grower turned over a new leaf and kept pace with the times, we would state that at yesterday's Covent Garden auction sales, even in the face of the state ment that the present time is the very worst possible time for growers generally, certain flats of pears from France, containing from two and a half to three dozen pears, only did, in spite of almost unparalleled trade gluts and depression, secure readily such satisfactory prices as 8s. and 9s. per flat. But we shall at once be met by the reply that they were not only choice varieties, but selected fruit and well grown, and in this reply we have the very gist of our oft-urged contention. But, for the sake of argument let us go fully into the whole matter. A reader may say, Well, but in spite of what you say, there still are hundreds of bushels of fruit that the home-grower has resolved rather to let rot than to send to market at the present state of trade. To this we reply, Yes; but in every instance this hack. neyed reference to fruit that the grower has said he would rather let rot than send to market will be found to refer simply and solely to rubbish not even fit to feed pigs on, much less fit to offer to the public for sale. Take the case we have referred to: Duchesse pears, well grown, fine fruit, in the end readily securing 2s. 6d. to 3s. per dozen pears. Will this pay? Does it not more than pay? But, again, note that at the same auctions Bon Cures, from France, 60 pears in a case, only secured 1s. 6d. for the lot, and the question comes immediately, Why is this? Our reply is, first, that they are not a market pear—never was and never will be; secondly, that the Duchesse, if we may so put it, is indicative of quality, the Bon Cure and such like of quantity. Quality again, we assert, is the first thing needed -inferior varieties, inferior samples of badly and imperfectly grown fruit, are worse than useless. At present the home-growe does not see this, the foreigner does. Again, we noticed cases of Duchesse containing 15 pears only selling freely at 6s. and 6s. 6d. per case—that is, at the rate of 5d. a pear. Is there any need to ask if such a price as this can fail to pay? and yet the demand at such a price as this was not satisfied. There was a good demand, but in plain language no supply at all. The prices realized in the narkets or at the sales, after all, are the greatest test, and any one who likes to study them for one hour only will soon find that there is always an enormous demand for choice samples of fruit well grown, which always, no matter the state of trade or time, secure such prices as cannot fail to satisfy sender and salesman too. In conclusion.

slow, and bad." [The above prices are given in English shillings. A shilling equals about twentyfive cents of American money. What do our fruit-growers think of selling pears at ten cents each? One thing is certain, the average citizen would not eat many at that price. He thinks \$4 to \$5 par barrel about all he can stand.]

Raspberries.

While at Cleveland, F. C. Miller, of Tuscarawas county, of that State, explained to the editor of Orchard and Garden his method of propagating blackcap raspberries tubercles peculiar to many other species of by cuttings. When the tips make preparaaphides, their presence is often unsuspected tions to strike root they swell and become easily. He then breaks off of each tip a piece five or six inches long, and keeps all these cuttings moist until planted in rich porous loam, rather closely together, to be transplanted after fully rooted. They may also be set out right where they are to remain for fruiting. In either case they must he planted with the usual care and nothing but the very tip be allowed to reach the surface of the ground. These cuttings strike root very readily; his loss having been less than five per cent. The ends from which the tips were taken sprout again and give him a new and more numerous supply of "cuttings," allowing him to propagate rapidly yet without interfering with cultivation. When he wants plants he knows where to find them without being compelled to bunt for them in a tangled mass of canes

and among weeds.

A Veteran's Judgment. In regard to raspberries, the Carman is the earliest cap variety that I possess. It is sweet and very good, a valuable acquisition. The Ohio comes in next, and is hardy and productive. The Marlboro is early and prolific, ripening its crop gradually, and, when fully ripe, is of good quality, good size and firm enough for traveling to a distant market; but to obtain these advantages the suckers must be constantly kept down. It is the most vigorous and robust of all rasp. berries. My favorite is the Souchetti, which I introduced 30 years ago. This and the Franconia lead in the prize-taking. Cuthbert is good, but no improvement over the Franconia. The Crystal of Caywood, a new white, is vigorous and prolific; handsome and firm, promises well for market .- Mar shall P. Wilder.

Lettuce for Winter and Spring. Almost any time from the middle of September to the middle of October, lettuce may be sown in cold frames in a sheltered situation covered with glass or boards when the weather is cool, and exposed to the air when warm or moderately warm. It will give a very fair article the early part of winter, say throughout December. Lettuce can also be sown the last of October in the open beds for early spring heading, taking some of the earliest and latest varieties, and covering the plants earefully, but not too heavily through the winter. Very good heads can be thus raised, and it comes very opportunely in April.

HALE'S HONEY is the best Cough Cure, 25, 50c., \$1 GLENN'S SULPHUR SOAP heals and beautifies, 25c.
GERMAN CORN REMOVER kills Corns & Bunions, 25c. operation, as the bunches hang immediately under the leaves and in such thick clusters that the wash would drip into them and inNEW ADVERTISEMENTS.

NEW ADVERTISEMENTS.



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O. R. DANGE, Aspross, D. T. My wife would not take regarder section.

O. R. DANGE, Aspross, D. T. My wife would not take aspect.

AINS. JOSEPH SWIFT, FRAYE CLETTER, 1004.1 The most userful article about the kinds. AINS. ARMSEY, MILLON, TRE. Have theoughly tested it on scripter from the collect to bed quilting free eather satisfaction.

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JON. B. WHEELER, KARLES CRY, MOJ. They have proved measures to eather the collection.

JON. B. WHEELER, KARLES CRY, MOJ. They have proved measures to eather the collection.

R. M. MASSET, LOCKNOY, TREE. Has proved a butter Wheeler than I ever thought would be invented. JOHN C. EVANS, STOWNAYN, MOJ. If you waster they are the collection of the content, and cost to more, I could still on a tevery house.

MISS. M. C. DOBBINS, CALOWILL, N. J.: Oless perfect satisfaction. I do my washing about in same time I used to with birds bigh. MRS. M. GOORS, and they washed takes of the women, and cost to more, I could still one at every house.

MISS. M. C. DOBBINS, GLAUWILL, N. J.: Oless perfect satisfaction. I do my washing about in same time I used to with birds bigh. MRS. M. GOORS, MRS. HEED, H. HARRIS, Barrizzoon, Vr.: Is all that is claimed.

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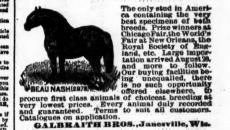


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IGHICAN PARMER DETROIT, TUESDAY, NOVEMBER 2, 1886

This Paper is Entered at the Detroit Post office as second class matter

The receipts of wheat in this market the past week amounted to 203,136 bu., against 235.741 bn., the previous week and 279,224 bu. for corresponding week in 1885. Shipments for the week were 274,315 hn, against 204,827 bu, the previous week, and 204,483 bu. the corresponding week in 1885. The stocks of wheat now held in this city amount to 1,-669.095 bu., against 1,840,578 bu. last week and 1.810.327 bu, at the corresponding date in 1885. The visible supply of this grain on Oct. 23 was 55,274,340 bu. against 53,828,539 the previous week, and 45.663,616 bu. at corresponding date in 1885. This shows an increase from the amount reported the previous week of 1,445,801 bu. The export learances for Europe for the week ending Oct. 23 were 958,191 bu, against 1,056,918 the previous week, and for the last eight weeks they were 11,154,986 bu. against 3, 860,900 for the corresponding eight weeks

After a week of considerable activity, with fluctuations within narrow limits, the market closed on Saturday with prices on spot and all grades of futures lower than a week ago. The close was steady, with a good demand from shippers as well as from local and near-by mills. The sales of spot and futures footed up 3,174,000 bu, for the week, as compared with 1,892,000 bu, the previous week. Yesterday this market opened steady, with a fair demand. Later it improved under reports of a good export demand and a much smaller increase in the visible supply than was looked for. At the close prices on both spot and future were higher than on Saturday. Chicago also improved, and closed at outside prices. New was also firm and higher at the close. The Liverpool market was quiet but steady, and country markets were a shade higher.

The following table exhibits the daily clos ing prices of spot wheat from October 1st

to N	lovember 1st inc	lusive		
		No. 1	No. 2	No.
		White.	Red.	Re
Oet's	. 1	76	76%	78
66	2	7514	76%	75
64	4	74%	76%	74
66	5	74%	75%	74
, 64	6	743/	75%	78
*4	7	7414	75	78
66		7414	7514	
44	8	7416		776
64	9	1479	751/4	72
66	11	14%	7634	78
44	12	7414	75	78
41	13	761/4	76	74
66	H	76	7614	
64	15	76%	76	74
	16	74%	76	74
44	18	75	761/2	74
66	19	7516	7614	75
46	30	75		75
.96	21	7514	77	75
6.6	92	76	- 78	76
44	**	76%	78	76
64	25	76%	77%	76
44	26	76	77	76
-6	27	75%	76%	76
66	28	76	7736	76
6.6	29	75%	7616	76
66	90	75%	7614	75
Nov	1	78	27714	76

The following table gives the closing prices each day of the nest week on the various deals of No. 1 white:

75%

For No. 2 red the closing prices on the various deals each day of the past week were

as lonows:	Nov.	Dec.	Jan.
Tuesday	77%	79	8014
Wednesday	77	7814	80
Thursday	77%	78%	80%
Friday	76%	781/6	79%
Baturday	76%	78	79%
Monday	76%	78%	80

The market had to contend with several weakening influences the past week, such as large receipts at the west, a lighter export demand, and the apparent certainty of another heavy increase in the "visible supply." It is not to be wondered at, therefore that buyers were very conservative, and that the "bear" interest was in the ascendancy

Reports from abroad showed the markets to be much in the condition of our ownprices low and business very quiet. One lement of strength is the fact that the crops of Great Britain have turned out much worse than anticipated. The quality of the grain is considerably inferior to that of last year, and its quantity decidedly smaller-indeed it seems doubtful if it will reach 60,000,000 imperial bushels, against 79,635,769 bushels in 1885, and 82,066,964 bushels in 1884. It seems likely, too, that the large deficiency already known to exist will be somewhat in creased. In estimating the probable yield in the United Kingdom, the wheat crop cf tland was reckoned in at a given quantity, upon a known acreage, leaving out of the estion possible damage to it from climatic uses. The Scotch wheat crop is not large of itself (1,893,501 imperial bushels in 1885, and 2,384,261 bushels in 1884), but the weather has been very rainy for some timenaterially interfering with the ingathering of the grain, and it is reported from Scot land that the bulk of this year's crop is still in the fields uncut, and in certain districts where it has been cut and stacked much o it has been burned black, or has germinated It is now believed that the rec Great Britain will necessitate the importation of 150,000,000 bu. of wheat during the

The Russian crop has also turned out to be very light, and in some districts of inferior quality. Exports from that country

are very light. Low prices had also cut portion of the trade are also comiown exports from India very materially.

The receipts of home and foreign grown wheat in the English markets during the week ending Oct. 23 were 320,000 to 400,000 bu. less than the estimated consumption: and for the eight previous weeks the receipts are estimated to have been 699,000 bu. less than the consumption. The following statement gives the amount

of wheat "in sight" at the dates named, in the United States, Canada, and on passage for Great Britain and the Continent of Eu-Visible supply...... On passage for United Kingdom. On passage for Continent of Eur Total bushels Oct. 16, 1886.... 72,508,539 72,827,405

Total two weeks ago...... Total Oct. 17, 1885..... The Liverpool market is quoted quiet with light demand. Winter wheat is quoted at 6s. 6d@6s. 8d; spring at 6s. 7d@6s 9d, and California No. 1 at 6s. 10d. to 6s. 11d. er cental.

CORN AND OATS.

COBN.

The receipts of corn in this market the past week were 38,475 bu., against 40,501 bu. the previous week, and 5,918 bu. for the corresponding week in 1885. Shipments for the week were 19,650 bu., against 40,565 bu. the previous week, and 3,163 bu. for the corresponding week in 1885. The visible supply of corn in the country on Oct. 23 amounted to 13,435,561 bu. against 13,755,674 bu. the previous week, and 5,263,434 bu. at the same date last year. The visible supply shows a decrease during the week indicated of 320,113 bu. The exports for Europe the past week were 886,973 bn., against 488,179 bu. the previous week, and for the past eight weeks 4.397,574 bu., against 6.584,936 bu. for the corresponding period in 1885. The stocks now held in this city amount to 49,-122 bu, against 32,496 bu, last week and 7. 874 bu at the corresponding date in 1885. The market rules very steady, but quiet, and while values are unchanged there are no signs of more activity. No. 2 is selling at 38%c, and No. 2 at 27%c per bu, for spot. There is very little speculative dealing in this market. At Chicago the weak was marked by rapid fluctuations in prices but within narrow limits, closing with values slightly higher than a week ago. No. 2 spot is quoted there at 351/4@35%c, November delivery at 35 1/2c, December at 36c, and January at 371/4c. The export demand has been light for the past two months, and this, with the knowledge that stocks are ample and the new crop maturing rapidly, keeps the market quiet. The Liverpool market is quoted steady, with new mixed at 4s. 5d. per cental, November at 4s. 6d., and December at 4s. 31/d.

The visible supply of this grain on Oct. 23 was 5,358,369 bu., against 5,135,901 bu. the previous week, and 4,726,854 bu. Oct. 24, 1885. The exports for Europe the past week were 26.026 bu, against nothing, the previous week, and for the last eight weeks were 238,605 bu. against 2,637. 894 bu, for the corresponding weeks in 1885. The visible supply shows an increase of 222,468 bu, during the week. Stocks held in store fiere amount to 78,399 bu., against 58,960 bu. the previous week, and 46,872 bu. at the corresponding date in 1885. The receipts at this point for the week were 35,-928 bu., against 51,731 bu. the previous week, and 30,643 bu. for the corresponding week last year. The shipments for the week were 16,383 bu., against 18,034 bu. the previous week, and 9,425 bu, for same week in 1886. Oats are quiet, steady and unchanged. There is a fair trade in this grain, but nothing doing in a speculative way. No. 2 white are quoted at 30 1/4 c per bu. on track, and No. 2 mixed at 28 1/4c; light mixed nominal at 291/4c. The Chicago market is quiet but values are somewhat higher than a week ago. Quotations are 251/4@25%c for No. 2 mixed spot, 25% c for November delivery. 26%c for December, and 30%c for May By sample, No. 3 white sold at 281/c, No. 2 white at 281/@291/4, and 261/20281/4c for No. 2 mixed free-on-board. There is very little speculative trading noted. The Nev York market is dull, with prices showing slight decline from the highest points reach ed, but higher than a week ago, with No. white quoted at 36@361/4c, No. 3 white a 35@35%c; No. 2 mixed at 32%@32%c; un graded mixed 32@34c, and ungraded white t 34@39c, closing firm.

DAIRY PRODUCTS.

The butter market is a little better than a

week ago, although prices do not appear to have advanced. But there is a stronger feeling in the trade, and stocks are held with more confidence when of good quality. The quotations are 16@17c per lb. for choice to fancy dairy, with 18c sometimes obtain ed for something extra. Ordinary to good sells at 12@15c. a good deal of the re ceipts selling at the latter quotation. Good creamery is quiet but steady at 25@27e per the The Chicago market, while higher, is not so active as was expected, the warm weather undoubtedly having a weakening tendency. Quotations there are 24@25c per lb. for fancy selections of creamery, 22@23c for choice, and good fresh lots of fair quality are quoted at 18@21e. Fancy lots of dairy are in request at 21@23c, and packing stock at 7@9c. The stocks held in that city are large, and are said to be accumulating. The New York markets begin to show more steadiness in the upper grades, but as yet there is nothing else in the situation to encourage holders. Stocks are large, receipts continue ample for all requirements, and ex. cept for extra quality holders are inclined to allow concessions to effect sales. The N. Y. Daily Bulletin of Saturday says:

"Receivers of butter have found very li tle to comfort them during the week. The previous dull condition of trade continued on all outlets, and was intensified by stormy weather and a holiday, while all actua changes in value have been to a lower leve Home buyers generally appeared to find mattraction toward supplies beyond occasion al parcels wanted for special and immediate use, and none of the representative shippers were manifesting an inclination to afford much relief, while supplies in most cases made a gradual accur lation, and most r vers had rather more than they cared to dle. Of late, however, somewhat steadie ents have been shown on fin western creamery, a class of goods in very fair favor, and of which advices from the in-

portion of the trade are also commencing to feel less apprehension regarding the sale of substitutes, and predict that after the first of the month butter will be to the month butter will have a comparatively clear field, though applications for licenses already received indicate that retailers intend handling oleomargarine and butterine to some extent."

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Quotations in Now York market vesterder

Anorations in Man Tolk market	300	our creed
were as follows:		
BASTERN STOCK.		
Creamery, pails, fancy	28	@29
Creamery, tups, fancy	27	@28
Creamery, tubs, choice	25	@26
Creamery, prime	22	@24
Creamery, good	20	@21
Creamery, fair	15	@19
Creamery, ordinary	11	@14
Creamery, June, fine		@22
Creamery, June, good	20	@21
State dairy half-firkin tubs, fancy	24	@25
State do half-firkin tubs, choice	2:2	@28
State do half-firkin tubs, fine, do	90	@21
State do half-firkin tubs, fair, do	16	@19
State do half-firkin tubs, ordinary	11	@14
State dairy firkins, choice	22	@28
State dairy firkins, good	20	@21
State dairy, Welsh, choice		@23
State dairy, Welsh, prime	21	@22
State dairy, Welsh, fine	18	@20
State dairy, Welsh, ordinary to good.	16	@17
WESTERN STOCK.		
Western imitation creamery, choice.		@18
Western do, good to prime	13	@17
Westorn dairy fine	16	@17

Western dairy, fine...
Western dairy, good.
Western dairy, good.
Western factory, June
Western factory, fancy, fresh.
Western factory, choice.
Western factory, choice.
Western factory, fair to good.
Western factory, ordinary.... The exports of butter from American ports for the week ending October 23 were 475,845 lbs., against 466,036 lbs. the pre vious week, and 633,846 lbs. two weeks previous. The exports for the corresponding week in 1885 were 657,642 lbs.

CHEESE. There is a stronger feeling in all the lea ing markets, owing to a sharp advance at Liverpool and the stronger tone in the coun-11c. The Chicago market is firm, active and higher, with holders having the best of the situation. Quotations there are as follows: Cheddars, 111/2@12c; flats, 111/2@12c; Young Americas, 113/@121/c; choice skimmed flats, 61/2@9c. The Tribune of Saturday says of the market:

"Cheese is firm and fairly active, order coming in more freely than for some little time past. Choice full-cream cheddars are scarce, and the make for the Greenleaf sec scarce, and the make for the Greenlear section for the balance of the season has already been bought up. Sales were reported for delivery at Omaha at 12%c per lb. for cheddars and flats (two in a box) and 12%c for Young Americas.

The New York market was dull during the early part of the week, but since Wednesday there has been a decided change in the situation, and values on choice goods advanced, while all grades became firmer The N. Y. Bullstin says of the outlook:

"Cheese has made a fractional gain in price, and, on the whole, developed a reasonably firm position, confirming the evidences of a good undertone, to which we called attention one week ago. There was a failure to break down the price in the country, but, on the contrary, the best goods improved a fraction, and this found immeliate reflection here, receivers marking up imits on all perfect quality September stock and standing by their position well, with both white and colored goods running pretty close together in valuation." *

"Advices from the western and central part of the State were firm, and from the porthern counties indicated that Canada and northern counties indicated that Canada and Boston were making some pretty heavy dips in the supply of desirable white cheese, and also that local operators had been scooping up the best stock to hold. Taken altogether, vithout any special inclination to buoyancy, he general market has worked along in good form, and at the close the bearish view of the situation comes principally from those who commence to feel anxious about the chances for obtaining winter stocks.

Quotations in that market vesterday were

	as follows:	
	State factory, fancy, Sept., colored	@12
•	State factory, fancy, Sept., white	11%@12
	State factory, choice	11%@11%
9	State factory, prime	10%@11%
3	State factory, good	10 @10%
	State factory, medium	914@ 934
,	State factory, fair	9 @ 914
	State factory, night skims, common	5 @ 6
	State factory, night skims, average State factory, night skims, selections.	7 @ 814
t	State factory, night skims, selections.	94@10%
	State dead skims	3 @ 6
	State dead skims	946011
3	Ohio flats, fine	11%@11%
- 1	Donneylwania Chima	0 0 01/

The receipts of cheese in the New York market the past week were 47,835 boxes against 42,008 boxes the previous week and 48,643 boxes the corresponding week in 1885. The exports from all American ports for the week ending Oct. 23 foot up 2,947,163 lbs., against 2,640,265 lbs. the previous week, and 4,641,889 lbs. two weeks ago. The exports for the corresponding week last year were 3,056,272 lbs. Of the exports, 1,339,980 lbs. were from Montreal

The Liverpool market is quoted steady, with quotations on American cheese at 57s. per cwt., an advance of 1s. 6d. from the figures quoted one week ago.

WOOL.

The eastern markets are quiet and un changed, with the aggregate of sales abou the same as for the corresponding week in 1885. The only weakening influence per ceptible is the frequent and many times un reasonable strikes precipitated by mill em ployes, which prevent manufacturers from oushing business or laying in stocks of wool. These strikes have been frequent in all lines of manufacturing since February last, and have caused terrible losses to both employer and employe. Were these trouble once arranged upon an equitable basts, business would soon be booming in all departments of trade, to the great advantage of the industrial classes of the entire country At Boston the past week the sales aggre

gated 1,656,800 lbs. of domestic and 628,000 of foreign, as compared with 2,658,700 lbs of domestic and 512,000 lbs. of foreign the previous week, and 2,751,676 lbs. of domes tic and 240,000 lbs of foreign for the same week last year. Prices in that market range about the same as a week ago. Ohio XX ranges from

36c upwards, and XX and above at 38c Michigan X is quoted at 33c, and Michigan No. 1 at 37@39c; Michigan delaine is firm at 35@36c, and unwashed Michigan at 23@ 24c per lb. Australian wools to the amount of 550,000 lbs. sold the past week at 35@ 41c. The stocks of Australian are very light, and holders are very firm.

At New York we note sales of XX Ohio at 38c, delaine Ohio at 39c, X Ohio at 35c fine unwashed at 25@26c; % blood combine at 41c, 1/2 blood combing at 391/2c, and fine spring Texas at 281/c. As to the future of the wool market the U. S. Economist says

"Our markets are from henceforth practically barred of foreign wool until domestic makes a round advance from five to ten cents a pound. Thus, choice Fort Philip is worth in London 18½ pence and above. Here it is not worth, duty paid, over 37 to 39c at present. Hence therefore there is ten see at present. Hence therefore there is ten to twelve cents a pound against it, or the full duty is against it. In other words, as we have said many times, the American market of to-day is no higher than the English market of county is no nigher than the English market, taking all duty out of consideration; yet, foreign manufacturers can ship goods here, and do ship them each week. What is the reason? Is the Ameri-can manufacturer trying to make a fortune in a year, or is the foreigner losing one: We doubt it, as he need not buy wool at an advance of 50 to 60 per cent in London which he has done to compete with the American, who kicks at an advance of fifteen to twenty per cent. Let us await the result. No foreign clothing or combing can or will come here! None has come for a long time. Our own clip is short—very largely. Now await the events. We are now sure of an appreciation of domestic wool, which might not be, if large quanti ties of foreign wool were either here or coming here. Holders of domestic may now rest in peace without fear of foreign woo competing. Until an advance has come of 45 to 50c for Ohio XX and XXX delaine orders for Australian will be sought for in Of the Philadelphia market the Record

of October 29th says:

"The market this week has been very quiet. The dullness is due largely to the labor troubles and threatened lockout of the Knights of Labor from textile mills, which create a feeling of uncertainty among manu facturers and induce cautious buying. A of the market at this time of year. It oc curred last year about the same time, and several weeks of comparative duliness succeeded the active business of the previous four months. There is complaint in many quarters of the unsatisfactory condition of the drygoods trade, but it is not substantiat-ed by any evidence of accumulating stocks in the hands of agents. The labor issue is the more important drawback to business at try markets. Here there is no change to the moment, and the developments of the coming week are anxiously awaited, as they note in quotations, and they range as follows: Michigan full creams, 11½12c; New antiportation will unquestionably have an importation will be a superior of the demand for raw material. "The sluggish demand and the uncertain-ties of the labor situation have combined to

check the improving tendency of prices. The market is less buoyant, but it is not weak. Dealers who have been firm believers in higher prices, and who have been holding stocks 2 to 3c. above the prices thus far generally paid, are now apparently disposed to sell at market rates, but they are not willing to make further concessions. Manufacturers are using the local troubles and the strikes at Cohoes and Amsterdam, in Nev York State, as bearish arguments to weaken the confidence of holders, but with little ef-fect. To force business concessions would have to be made, but nobody seems disposed to move supplies at that cost. The general sentiment of the trade is that wool is safe property, "lockout or no lockout," and while it is admitted that the advancing tendency has been checked, holders expres temporarily restrained.

Advices from abroad are all of a strong character, except those received from Australia, where there are some signs of weakness. Mail advices from Buenos Ayres report a serious falling off in the clip. One of the barefaced fraud that he will be com the papers there says: "We cannot but expect a considerable

falling off in the clip and as wool constitutes the chief industry of the country, we regret that the government shows no disposition to relax the nefarious export duties, which drain the last farthing from many a poor sheep farmer. Consul Baker, at Buenos Ayres, in a re

port he makes to the State Department, estimates the deficit in the approaching wool clip of the Argentine Republic at unwards of 75,000 bales or about 45,000,000 pounds, in consequence not only of disease among the sheep, but also of damage by flood and frosts.

MISSEADING ARGUMENTS.

The article in another column leaded 'Farmer Taxation" was evidently prepared with the idea of prejudicing the tariff question rather than helping to a fair underapproached with the object in view of set- cast iron cheek seems proof against every tling conclusively which would prove the most beneficial to farmers as a class, as well as to the country at large. The list of articles scheduled in the extract sent us by Mr. Boley is very misleading. Take the first item, "animals, 20 per cent." Does Mr. Boley, or any other farmer, import butchers' animals? We rather think most farmers raise animals to sell, and that therefore the 20 per cent. duty inures to their profit. But if Mr. Boley wishes to import any animal to improve the breeding of his stock, whether horses, cattle, sheep, swine, or fowls, there is not a cent of duty upon it. Therefore, we say the list is misleading when published as it is in this instance. To give the proper idea of the existing tariff on animals it should read some thing like this.

Live Stock—For breeding purposes....duty free Not otherwise specified...20 per cent Another point we wish to say something about is the duty on wool or woolens. There

is a duty on wools as follows: Clothing and combing, under 32c b 10c % b Over 32c b 12c 20 m

Carpet, over 6c P B......

Upon woolens there is a duty which offsets the above. Now Mr. Bolev undoubtedly has a flock of sheep, as we know he is a progressive farmer. Let us give him an ides. When he sells his wool, which he will de at a higher price because of these duties, let him retain enough to supply his own family, take it to one of the wooler mills in the State and have it manufactured into goods. He will have a better article for less money than he can buy at the storesand not pay one cent of duty upon it either, As to the duty upon nails and cottons, the tariff has so cheapened them that they are now largely exported, and the duties are therefore nominal. . The same is the case with boots and shoes. The whole list could be gone over in the same way, and the er rors pointed out, but we think the above

sufficient to show the unfairness of the list. MR. H. L. STEWART, of Tecumseh, Lena wee Co., last week sent us a sample bunch of his Prairieside celery. It was one of the finest samples we ever tested, and the blanching was perfect to the very tips. The stalks were so clear that they were nearly transparent, tender and succulent. It would worry a Kalamazoo grower to see such a sample grown outside of that section. Mr. Stewart's farm is said to be three and a half miles from Tecumseh, and we think it must be on the rich alluvial soil which lies along the River Raisin, a location which a celery grower would naturally select as especially adapted to his business. Mr. Stewart's system of blanching, whatever it is, is ed circulars and maps. J. F. Mancha, certainly a most successful one.

THE CHAUTAUQUA LITERARY AND SCIENTIFIC CIRCLE.

The C. L. S. C. it is generally called,

and never before in Michigan has there

been so much enthusiasm over it, nor so many local circles organized as this fall. Nearly fifty circles, with quite 1,000 members, have been added to the organization this year in Michigan alone, and now but few towns are without one. Detroit has 15 or more, and Grand Rapids, Flint, Jackson, Kalamazoo and several more places have each from two to four or five circles. The C. L. S. C. is a reading organization with a select four years' course to be done at home in prescribed books and serial articles in the Chautauquan. It requires about 40 to 60 minutes a day to do the reading, and the members meet every two weeks for reviewing and to have a delightful evening with music, readings, literary work and a social hour. At the close of the year there is a written examination, and the course terminates with a diploma and graduation honors at either Bay View or Chautauqua Assembly. The purpose of the C. L. S. C. is to give liberal education in history, science, general literature, &c. It is for all classes and ages, and equally interesting and valuable to the college graduate or one who never entered a college. It is the most popular, and by far the best organization of the kind ever devised. It promotes a desire for the best reading, makes college terms out of spare moments, educates and furnishes the choicest social life. The thousands of people who have pursued it pronounce it invaluable, and we sincerely hope all the young people and all reading people will in every town, city, church and neighborhood combine and form a circle. In large places they are often organized in individual churches; in small places one circle embracing all is practicable While it is undenominational and without a spark of sectarianism, it is of a decidedly Christian character. We can conceive of nothing more pleasant and useful for the long winter evenings before us than the C. L. S. C. Mr. John M. Hall, of Flint, is superintendent of the Michigan department. and will gladly furnish to any one who writes him fall information about the Circle and how to organize one. A Mean Swindle.

Mrs. Sarah Clutz, of Ogden, was in the city last week seeking counsel upon the matter of defending herself in a suit brought to recover on a \$360 Bohemian oat note which she was induced to sign. A man who will do so detestably mean a trick as to swindle a woman in a Bohemian oat deal is unfit to live among decent people and we hope the lady will be able to so clearly show the relation of the present holder of the note and his knowledge of pelled to pay the costs of the entire proceeding. We have no kind of sympathy ceeding. with a man who is "sucker" enough to hand out a note for Bohemian oats, but when men in their insufferable meanness impose upon a woman unused to any kind of business, and purposely swindle her and try to get from her the little property she possesses, it is time to call a halt if not a halter. Such men are entitled to no sympathy, and ought to be denounced by everybody. It is well enough perhaps for men to play sharp with each other, but when they have to prey on innocent women and children it is time to protest.— Adrian Press.

The Press is entirely right. It is a shame and a disgrace to some of the farmers of this State that they allowed themselves to be made tools of by these unscrupulous scamps, and aided them in deceiving their friends and neighbors. We hope if one of Mrs. Clutz's neighbors aided the parties who sold those oats to her, he will be man enough to take up that note. standing of its merits. The question, when The farmers should tar and feather one or two of those Bohemian oat thing else.

The British Grain Trade.

The Mark Lane Express of yesterday, in its review of the British grain trade during the past week, says:

"The deliveries of native wheat have been small at 6d@1s above the previous week. The sales of Engligh wheat were 48,910 qrs at 30s 3d, against 56,960 qrs at 31s 3d during the corresponding period of last year. Country flour is firm and 6d dearer. A fair trade is doing in barley at an advance for the finest of 2s and for se ends of 1s. Foreign wheats are firmly held; values are unchanged. Corn has risen 3d@ 6d. Linseed has gained 1s. Three cargo of wheat arrived; one cargo was withdrawn and two remained. At to-day's market mand. There was a short supply of corn and sales were freely made at 6d advance. Barley was steady. Oats, beans and peas

The Visible Supply.

A dispatch from Chicago vesterday says that the number of bushels of grain in store in the United States and Canada Oct. 30. and the increase and decrease compared with the previous week, is as follows: Wheat, 56,052,000 bu.; increase, 778,551 bu. Corn 13.091.041 bu.; decrease, 337,520 bu. Oats 5.469.000 bu.; increase, 50,783 bu. Rye 466,000 bu.; increase, 30,717 bu. Barley, 2,233,071 bu.; decrease, 70,187 bu.

CALIFORNIA EXCURSIONS.—The next California Excursion of the season will leave Detroit November 8th and 9th, via the Michigan Central route to Chicago, fron there either via St. Louis and Kansas City. and the Missouri and Southern Pacific R Rds. Fare for the round trip \$93 45. Tickets are good for six months, and can be used to return via. any other route to the above points, or via. Portland and the Northern Pacific, or Oregon Short Line, at an additional cost of \$15 00. Tickets and sleeping berths secured and any further information furnished, at the Union Ticket Office, 66 Woodward Ave.

THE annual meeting of the stockholders and directors of the American Percheron Horse Breeders' Association will be held at the Sherman House, Chicago, on Wednesday, Nov. 17, at 2 P. M. While the import ant business of electing officers will not take place until next year, it is desirable that large attendance of the members be present

Claremont Colony

Offers inducements. Send for free illustrat-Claremont, Va.

Stock Notes

MR. HENRY L. DOANE, of South Lyon, Oakland County, has sold to Frank Holden, of Brighton, his stock ram Wonder 798 beed by himself, and sired by Little Mac 565, dam F. & L. E. Moore (271). Wonder has been shorn twice at State shearings, and the two fleeces weighed 31 lbs. and 31 lbs. 14 oz. respectively.

AT the late meeting of the Washing. ton County Wool-Growers' and Live-Stock Breeders' Association, held at Barlow, O., the Association by an unanimous vote passed the following resolution: Resolved, That this Association tender our sincere thanks to Hon. C. H. Grosvenor and Hon. Wm. Kinley, Jr., for so ably defending the flock interests of our country, in their efforts to restore the tariff of 1867 on wool, during the Forty-ninth Congress.

MR. ISAAC MILLS, of Bancroft, Shiawas see County, has purchased a two-thirds in terest in the fine imported Clydesdale stallion Gen. Johnston, recently brought from Scotland by Mr. J. Hyslop, and kept at Oxford, Oakland Co. This is one of the finest young stallions we ever saw, and his breeding combines some of the best strains of blood known to breeders of the Clydesdale. He will be a great acquisition to that part of Shiawassee County.

MR. F. A. BRADEN, of Bancroft, has sold to E. J. Ring, of Saginaw, the Shorthorn cow Lula, by Sir Francis 18803, dam Laura by Col. Welch 11537, and tracing to imp. Victoria by Swiss Boy (12164); also he heifer calf, by Mr. Braden's Princess bull Lord Raspberry 2d 48633. Lula was bred by Mr. Chas. Fishbeck, of Howell, is not yet ten years old, and has dropped seven calves in the last six years. Her yearling bull calf now weighs 1,500 lbs. She is a fine animal, and always raises a good calf.

COMMENCING Monday, November 1st., the through sleeping car line of New York Central Palace Sleeping Cars will be resumed between Detroit and Cleveland, via. the Michigan Central and Lake Shore and Michigan Southern R. R.'s. A sleeper will leave Detroit at 9 P. M., arrive in Cleveland at 2:55 A. M. Leave Cleveland at 12:25 A. M., arrive at Detroit at 8:10 A. M. Trains will arrive and depart at the Michigan Central depot, foot of Third Street. On arriving at Cleveland passengers can remain in the sleeper until 7 A. M. Returning they can take the sleeper at 9:30 P. M.

For the eight months ending August 31st the United Kingdom exported to the United States 9,343,400 pounds of sheep and lambs' wool, against 3,425,900 pounds in the sam part of 1885; 4,763,200 yards of woolen fabrics, against 3,285,500 yards; 31,100,500 yards of worsted fabrics, against 22,901,800 yards.

NEWS SUMMARY.

Michigan. Litchfield has a new fruit-drying establish

Five hundred men are employed in the Cor Up in Emmet County they raise onions 1834 nches in circumference.

Tennessee capital will erect a new basket factory at Berrien Springs this winter.

Detroit must pay over one-half million dol lars in State and county taxes this year. M. B. Van Vechten, pioneer of Genese County and resident of Flint, died last week M. W. Smith, dentist of Mt. Clemens, com

orm last week. George Nissley, of Saline, sold a pullet for

the chicken business? The new Michigan Central R. R. station building at Ann Arbor is said to be the hand somest in the western States.

Ten thousand barrels of apples were shipped from Addison this fall, and \$10,000, are divided among the apple-growers.

Alma people are anticipating a bo eal estate in consequence of the lo here of the Presbyterian college.

A thirteen-year-old girl of Howell was re ntly sent to the State Industrial School s Adrian till 21, for "unlawfully driving off

W. J. Tillotson, of Laingsburg, has a potato field of seven acres from which he has dug 2,200 bushels of the White Star and Burbani

Adrian Press: Wm. Holmes, brakeman, and former resident here, was crushed between the cars at Ogden station and injured o he died in a few hours.

F. V. Smith, founder of the Branch County Agricultural Society and many years connec-ed with the State Society, died of paralysis at Coldwater last week, aged 66 years. The Monroe Commercial says from \$25,000 to \$30,000 worth of young trees are to be shipped from that city this fall, the business

eing larger this season than ever before. The remains of D. L. Blackstone, of Adrian, who committed suicide at St. Paul last week, have been brought back to his home. Ill-health is thought to be the cause of the sui-

Loomis's flour mill at Mt. Morris, Genese County, was burned last week, a severe blov to the village, as the mill was one of the prin cipal industries. It is thought the fire wa cendiary.

A Detroiter recently returned from a trip along the north shore of Lake Superior re-ports that the mineral resources of that coun-ary are exceedingly rich, silver, lead and

Joseph Heath, uncle of W. Heath Cooper, merchant of Port Austin, and stranger in the State, is supposed to have committed suicide by drowning from the steamer Alaska en route from Sandusky to Detroit, last week.

Linden Record: We were shown some nice radishes this week that were grown by Mr. Wm. Cox, from seed ripened from radishes sown in the spring. We do not remember having heard of such a growth before, in this section. John Greusel, an old and respected citize

of Detroit, died Sunday night. He had held many public offices, being three times State Sonator. He was greatly esteemed for his integrity and excellent judgment in public The Kalamazoo Gazette has discovered that

a large percentage of the cases of diphtheria and searlet fever reported in that city are in localities where the ground is low, or made, and where the dellars are wet and damp in The old Begole, Fox & Co. mill at Flint ha

and our negote, for a Co. mill at Fiint has been converted into a paper mill, new engine and boiler roomshaving been built. The mill manufactures from six to eight tons of straw board daily, which is principally marketed in New York State. Port Huron Times: James Garrooh, wheels-man on the tug Jessie, accidentally fell off the dock, and, clinging to a pile in the river, was crushed by the stern of a boat just swinging into the slip, in spite of the efforts made to save him.

As the engine of a threshing machine passing a schoolhouse near Bancroft last week, some of the children climbed on the tank wagon, and a small boy named Burgess

slipped off in front of the wheel, which passed over his head, killing him instantly.

Homer Smith, of Charlotte, wis hes he had been a good boy and not gone hunting on Sunday. Had he gone to Sunday school instead of chasing the inoffensive squirrel, his would not have received a bullet in his right shoulder by the accidental discharge of the state o

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The Corunna Independent says the latest scheme to defraud farmers is for a company to place rods on a farmer's buildings, and throw in an insurance policy on the buildings for ten years. The policy is not worth the paper it is written on, but it generally sells the rods just the same.

The Hillsdale Democrat strikes the key-note of the situation as follows: You can not sell elemargarine after this week without a license. But you can sell frowy, sour butter, strong enough to go to market alone, with coarse salt so thick that you can't bite through it, just as free as ever.

Mrs. G. Winters, of Battle Creek, died last week; her three children and a neighboring family named Rildie are seriously ill. It was at first thought that the water in the well had but analysis proved the water. been poisoned, but analysis proved the had been poisoned, but analysis proved the to be full of animal matter and that it was so impure as to be a very obvious cause of the sickness.

Ann Arbor Argus: Mr. W. G. Burchfield has a cow which although not a full blooded one gives 32 quarts of milk a day. This week the cream from seven days' milking was churned and it was found that the cream yielded 13% pounds of butter. Mr. Burchfield is backing that cow against the coufty on butter making.

The Plainwell Independent says Peter Mar-tin, of Hicks, recently signed a recommend of a fence-making machine, for converting slats and wire into fence. A machine now lies at the railroad warehouse consigned to Mr. Martin, and his "recommend" will probably turn out to be a note or order for the machine, which he will have to pay.

The vigilance of Sheriff Perkins at the jail in Eaton Rapids alone prevented a jail delivery last week. Suspicion was aroused, and the cell of Elmer McArthur was searched. A complete outfit of files and saws was found, with a bottle of cayenne pepper. Three bars of a window were found sawed off, and McArthur had written a letter to leave helped Arthur had written å letter him.

either took an overdose of morphine suicidal intent, or had it administrated suicidal intent, or had it administrated to her by others, and is dead. It is the old story of woman's weakness and man's unfaithfulness, Jud Crouch, so well known in connection with the Crouch murder, is said to be impli-Charles Brown, of Wayne, claims that he

Charles Brown, or wayne, claims that he was arrested and lodged in a Canadian jailon charge of uttering a forged note for \$10, his bail being fixed at the exorbitant figure of \$2,000. His friends vainly appealed to the State authorities, and Brown remained in jail at Chatham from April until the 27th ult, when his trial came off and he was pronounce. when his trial came off and he was proed not guilty.

A mysterious murder occurred in this city last week, the victim being W. L. Stewart, of Buffalo, and but for a short time a resident of Detroit. He was stabbed on the street near the corner of Jefferson Avenue and Griswold Street, before nine o'clock in the evening, the weapon being a stilette, which made a wound undetected until the body was closely wound undetected until the body was closely examined by a physician, the supposition being he had died of heart disease. There is no clue to the perpetrator of the crime or its motive, but a stranger wearing a white hat, who assisted to carry the body from the street into an office, and then disappeared, is wanted by the authorities, who think he might cheek some light on the metry. hed some light on the matter.

[Later. After County Physician Owen and

[Later. After County Physician Owen and the post-mortem examiner had decided Stewart's death was caused by a stab from a stiletto, and we had all the details for another mysterious murder. Undertaker Blake discovers that the wound was made by the deceased's scarf pin, and that he died from another than the stable had a stable to the county production. urism of the heart. The puncture was from the steel point used in fastening the scart, and had been inflicted when the tie was torn off after death.]

General.

The business failures in the United States and Canada number 215 for last week. Anna Vorschein, of Newark, N. J., was poisoned last week by eating a cake of yeast. Secretary Manning has issued a call for \$10,000,000 of three percent bonds, to mature

Dec. 1. The Chicago base ball team recently defeated by the St. Louis club, is said to have lost \$14,000 by their defeat.

The Taunton, Mass., iron works were destroyed by an incendiary fire last week. The lestruction was complete.

A. S. Gage & Co., of Chicage, who made a big failure recently, are to resume business, their creditors being willing to compromise. Biloxi, Miss., is quarantined on account of rellow fever. The place is a noted pleasure resort for wealthy residents of New Orleans.

Jay Gould found business so good in the vest that he has ordered nearly 5,000 new cars west that he has ordered nearly 5,000 new car for the Missourl Pacific, and 100 locomotives At the Washington races last week, two ockeys were permanently suspended for elegraphing outside parties to bet on other

Delgado, Juda, Cortez and Loyono, le of a Mexican filibustering expedition in Chi-huahua, were shot last week, under sentence of court martial.

A cowboy who matched his broncho against a freight train near Boseman, Mont., was struck by the locomotive on the home-stretch, and instantly killed. Mrs. Hannah Sands, of Rye, N. Y., made a

savings bank of her petticoat, in which \$400. 000 was found sewed. There are four rela-tives to inherit the sum. The Canadian Government is intending to

onstruct four vessels this year to prote anadian fishing interests. These amount Harry Nelson, a little two-year-old inmate of the Knox County, Ill., almshouse near Galesburg, was murdered by an insane wo-man confined there, last week.

Sam Jones and Sam Small, the Georgia evangelists, who have been converting Cana-dian sinners, were last week presented with a draft for \$2,509, as a recognition of their Hog cholera is making havoc with the swine in the vicinity of Logansport, Ind., whole herds dying. The first symptom being a swollen throat, the disease has been locally could be of distance.

lled hog diphtheria. Thousands of letters asking for autographs were received by the French gentlemen who visited New York to represent France at the Barthold idedication. And the applications all went into the waste basket.

The contest between George, Hewitt and Roosevelt for the mayorality of New York city, is watched with great interest. The man who foretells the outcome will be regarded as a better prophet than Wiggins.

The estimates for the maintenance of the military establishment of the government show a slight reduction in the estimates of last year, but are larger than the appropria-tions for the current fiscal year.

Mrs. A. T. Stewart, widow of New York's merchant prince, was buried in the cathedral at Garden City last week. The cofin was surrounded by a bed of roses, the only ornament being a magnifecent cross of Englishivy with a base of violets.

It is said that some Guatamalan merch hired a servant of President Barilla's to put poison in his food. The accused are on trial, and as South American justice savors of in-quisitional methods, probably they will pay quisitional methods, probably the for the attempt with their lives.

The great gift of France to the United States, Bartholdi's "Liberty Enlightening the World," was dedicated with imposing ceremonies, a grand procession, band, etc Thirty thousand men were in line. Presiden Cleveland was there, and Wm. M. Evarts de ivered the oration.

The fine stone building of the Case School of Science at Cleveland was totally destroyed by fire last week. The school was equipped with the latest appliances for the demonstra-tion of science, the physical cabinet and chemical apparatus being the finest in the country. The loss is \$306,000. The annual report of the superin

the railway mail service is out, and says 5,329,521,475 pieces of mail were distributed

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lines. The net profit of the money order system for the fiscal year ending June 30. was \$9,164, which "Uncle Sam" puts into his pocket.

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According to a Minnesota paper the dairy commissioner of that State is exhibiting a strong argument against bogus butter. It is a carving knife used for some time to cut butterine out of tubs as sold to customers. The silver plating was not only destroyed but the solds had eaten into the steel blade and turned at black.

There is talk at El Paso that A. K. Cutting, whose recent trouble with the Mexican authorities is fresh in mind, is trying to organize a fillbustering expedition to invade and purango, and then form them into a "Socialistic republic." Yaqui Indians, discontented Mexicans, and Mormons are expected to join

A family of eight persons, consisting of Mrs. Wm. Pope and five children, and two girls named Adams, 12 and 16 years old, were burned to death by the destruction of their residence near Flat Lick, Knox County, Ky. The house consisted of two rooms, with but one outside door, the latter being in the room where the fire evidently originated, cutting off all hope of escape. The father, who was absent, is nearly crazed with grief.

absent, is nearly crazed with grier.

James M. Hampton, of Craig, Nebraska, had been running a "temperance billiard hall," but the prohibitionists discovered he was selling liquor as "bitters." They secured a warrant and accompanied the sheriff to arrest the culprit, making threats of burning the building. Hampton was within, a pistol shot was heard, and when the mob burst the door open he was found dead, with a bullet through his heart. He had apparently committed suicide through fear.

The greatest express robbery committed for a long time occurred last week, when Messenger Fotheringham was robbed of \$50,000 which he had in charge, by a man who presented letters signed by the proper officials authorizing Fotheringham to allow him in the authorizing Fothering as in to show him in the car. The robber knocked the messenger senseless, bound and gagged him, in which condition he was found on arrival at St. Louis. The thief told the agent he was Jim Cummings, last of the Jesse James gang.

A passenger train on the Milwaukee & St. Paul road was wrecked near Rio, Wis., by relescoping with a freight through an open switch. The cars were thrown into a stone quarry. Thirteen lives were lost, the unfortunate victims being unable to extricate themselves from the wreck, which was soon on fire from the overturned stoves. The conductor of the freight train, who is responsible for the accident, took to the woods, crazy with excitement and dispair. He had always been very careful and efficient.

Later accounts from the accident on the St.
Paul railroad at Rio place the loss of life at
26. The passengers in the day coach were literally roasted to death before the eyes of their erally roasted to death before the eyes of their fellow-passengers, who were powerless to aid them. The loss of life would have been yet more terrible but for the heroism of the en-gineer, who in the face of death reversed the engine and set the air brakes. Three Fran-ciscan nuns were among the victims, also Mrs. L. Lowry, of Milwaukee, and a traveling man from Chicago named Dibble.

A six-story building on East Madison St., Chicago, burned early Sunday morning. During the fire six men were engaged in protecting the stock of the Goodyear rubber company, when they were buried in the ruins by the falling of the roof and top floor to the basement. A rescuing party was quickly organized and four of the men were rescued, organized and four of the men were rescribed, one of them after three-quarters of an hour's imprisonment in the flames, only kept from him by the floods of water, thrown on the fire; which at one time threatened to drown him. C. Papineau, the sixth man, was taken out dead. A fireman was fatally injured in the attempt to recover the body, and three others received serious injuries during the progress of the fire.

Foreign.

It is prophesied that the coming winter will be the worst season of agricultural depression England has ever seen.

The commander of the garrison at Lompal-anka is under arrest for having planned the seizure of the Bulgarian ministers on their way to Tirnova, with the intention of sending them to Russia as prisoners.

A large number of native Christiaus of Uganda, Africa, have been put to death by the order of King Mwanga. The massacres began in June and are said to be directly due to the refusal of a young Christian who was acting as page to the King to commit an abominable crime. Many people were tortured and 32 burned to death at one time.

NEW ADVERTISEMENTS.

CLOSING OUT SALE

HEREFORDS!



In order to discontinue our copartnership we shall close out our entire herd of choice Hereford Cattle. Nearly all are rich in the blood of the great Horace, sire of the \$2,000 The Grove 3d; and all are young and in their prime. We have some very fine show cattle and they will be sold at rock bottom prices. Don't think that we are humbugging, because we are not. We are going to sell.

FOSTER & PEARSALL, 919-16

OAKLAWN PERCHERON HORSES.



300 to 400 IMPORTED ANNUALLY from France, all recorded with extended pedigrees in the Percheron Stad Books. The Porcheron is the only draft breed of France possessing a stud book that has the support and endorsement of the French Government M. W. DUNHAM, Wayne, DuPage Co., Illin

SPECIAL!

We Have 4,000 Gallons of LINSEED OIL SETTLINGS. the best possible covering for Shingle, Tin &

at forty cents per gallon, in five and ten gallon cans. Shipped to any part of the country. Ap-ply early. Send post-office order or postal note with order. JOS. HUGHES & CO.,

IRON ROOFS!

Woodlawn Stock Farm, situated six and one-half miles north of St. Louis, Gratiot County, Michigan, will be sold at a very reasonable price. The farm consists of 330 acres, 140 of which are well cleared, balance timber affording good pasturage. The farm is the north half of section 24 in the township of Cocf, Isabella County, one of the best agricultural townships in the State, and in the midst of an old, well-settled district, and near two railroads. A large brick house, barn 36x46, granary 26x36, and over three hundred and twenty feet of good substantial stock sheds; buildings cost over \$6,000. Two artesian flowing wells furnishing abundance of pure water. No waste land; soil dark clay loam, good for grass, corn, oats, barley, etc. For pargood for grass, corn, oats, barley, etc. For par diculars address MICHIGAN FARMER, n2-tf Detroit, Mich.

STOCK FARMS FOR SALE OR RENT.

On long term, 400 acres, dwelling, large barns and stables; easy terms. One of 240 acres with dwelling and large barn. One of 160 acres with 100 under plow, balance timber, five miles from Saginaw and seven from Bay City, ¾ of a mile from plank road, two miles from R. R. station. Address

FARM FOR SALE, Or Exchange.

A farm of 200 acres in Aroma Township, Kankakee County, Illinois; 60 miles south of Chicago; all under a high state of cultivation; 65 acres in fall grain, looks finely. A large two-story house; outbuildings fair; plenty of pure water at house and barns; fruits of nearly all kinds. Healthy, rich farming country. Price \$50 per acre; one-half may remain on place from three to five years at six per cent interest if desired, balance cash or part cash and part western wild lands or live stock. Correspondence solicited. Address F. L. MERRICK, Kankakee, Illinois.

A Good Stock and Grain Farm For Sale Contains about one hundred and eighty-six acres, one hundred and forty of which are improved, balance is timber. A good orchard and good buildings on the place. Situated two miles north and three west of the village of St. Johns, Clinton County. For further particulars and terms inquire of R. B. CARUSS, mrh2tf St. Johns, Mich.

most successful business men got their start at this college. Connting-room business practice and Board of Trade sessions daily. NIGHT-SCHOOL opens Sept. 27. DAY SCHOOL all the year. Circulars free.

and purity of tone are not to be excelled. For information in regard to any of the above call on or address F. B. BIGNELL, ol2-13t Smyrna, Mich.

FARM FOR SALE.

A fine farm of 245 acres lecated one and one half miles from the growing manufacturing city of Gwosso one of the best markets for farm products in Central Michigan. This farm has good buildings, a fine orchard, and is in a first class state of cultivation. Forty acres of growing wheat. Will divide 1 to 165 and an 80 acre farm if wanted. For price and terms address.

NO. 1 MOFFAT BUILDING, ja26tf

Detroit, Michigan.



Pure Bronze Turkeys.

A few fine young birds for sale cheap. Address Mrs. Mary H. Warrant, Plainwell, Mich. n

BLATCHFORD'S

Royal Stock Food!



or Extra Oil Meal

Unequalled for ALL Kinds of Stock. To mix with corn fodder, oats, hay, bran, chaff, straw, roots & ensinge, keeping the animal in perfect condition and greatly enriching and increasing the flow of milk. Costs less than one and a half cents per pound.

CALF-REARING MEAL

Blatchford's Royal Calf-Meal is invaluable for rearing Calves, Foals, Lambs and Pigs in strong, healthy, thrifty condition Positively no Scours. No farmer should be without this perfect ns and testimonials send for "Pamphlet on Feeding," issued and without the aid of new milk. Post milk substitute. For directions ar

E. W. Blatchford & Co., Chicago, Ill.

100 CLEVELAND BAYS. 100 150 ENGLISH SHIRES. 150 300 HOLSTEIN-FRIESIANS. 300

THE OLDEST! THE LARGEST STUD IN AMERICA.

32 PREMIUMS AWARDED AT THE LATE ILLINOIS STATE FAIR, including Sweepstakes for best Cleveland Bay Stallion and best English Shire Stallion. Any parties desiring first-class breeding stock, either imported or home bred, can be suited at our place Those wishing to become acquainted with the adaptability of these breeds for their requirements, are offered an opportunity unequalled in America, and are invited to come and see our stock. Send for Illustrated Pamphlet and mention this paper.

GEO. E. BROWN & CO., Aurora, Kane Co., Ills.

DOOR PRAIRIE LIVE-STOCK ASSOCIATION

DOOR VILLAGE, LA PORTE CO., IND.,

MFORTERS and breeders of Clydesdale and Cleveland Bay Horses. Choice stock selected by one of the firm with reference to style, action and quality, combined with good podigrees, traing through sire and dam to the prize-winners of Great Ballian. One Hundred Stalliens and Hares to select from. Also Colts from imported sires and dams and graces of our own breeding. 27 Call and see them. Correspondence scilcited. Frices reasonable. Address as above.



Island Home STOCK FARM,

Grosse Ile, Wayne Co., Mich., SAVAGE & FARNUM, Proprietors

NEW ADVERTISEMENTS.



Imported Percheron Horses.

All stock selected from the get of sires and dams of established reputation and registered in the French and American stud books. Our latest importation arrived August 12. We have one of the largest studs in the country to select from, including all ages, weights and colors of both stallions and mares. Send for large illustrated catalogue, free by mail. Address

GEO. BRAIDWOOD,



New importations arrived the first of August, and some fine young mares from one to four years old for sale. Stock of both sexes and all ages for sale. Animals all registered in French Percheron Stud Book. All stallions sold guaranteed as prices very reasonable. Address GEORGE BRAIDWOOD, o12-6m Almont, Lapeer Co., Mich.



FOR FARM USE! Especially designed to meet the wants of farm ers who desire a light power for barn use, which will be always ready to operate and never in the way. It will perform as much work as two horses can draw; is cheap, durable and so simple in construction that it cannot get out of order. Takes power from horse to other machine by belt without jack or tumbling rod.

ATTENTION

Breeders of Southdown Sheep!

A rare chance is given to secure a thorough-red flock of Southdown sheep. The only flock a this State recorded in the American South-own Record. It is headed by the ram

VISCOUNT 516. from the flock of Lord Walsingham, of England.

The flock consists of 26 ewes, eight ewe lambs, seven rams and seven ram lambs, all registered or eligible to registry.

They must be sold to close up an estate and will be sold at a bargain. For particulars address

E. T. MONTGOMERY, 19-

FOR SALE.

A very fine Holstein-Friesian bull. Five years old; sired by Lenox 407 (H. H. B.); dam, Charetta 533 (H. H. B.). Will be sold at a great sacrifice if taken soon; or will exchange for a heifer of same breed. Call on or address s7-tf C. F. GILLMAN Pewamo, Mich.

SHORTHORN CATTLE. SOUTHDOWN SHEEP. SUFFOLK HOCS.

FOR SALE of the very best quality, from the farm of JOHN WENTWORTH, at Summit, Ills., 12 miles out of Chicago. Write him for circulars. Now is the time Address JOHN WENTWORTH, Chicago, Ills.

FOR SALE.

The Michigan State Agricultural College offer or sale at very reasonable prices: Four registered Merino rams.
Two Southdown rams.
Two Berkshire boars, one year old.
Poland-China and Berkshire pigs, three to five

Shorthorns of both sexes, good individuals and of excellent breeding. All stock registered or eligible. Address SAM'L JOHNSON, Prof. of Agriculture and Sup't of Farm, \$28-8t

PRIZE-WINNING BERKSHIRES

FOR SALE FROM THE MOUND SPRING HERD

-OF-C. HIBBARD & SON,

Bennington, Mich. Pigs of both sexes in pairs not akin can be furnished. Sows bred before shipping to prizewinning boars, and at prices to suit the times. Correspondence promptly answered. Inspection invited.

FOR SALE,

Four Shorthorn bulls, Fifty Poland Chinas and a good assortment of Merino rams. All stock recorded or eligible and will be sold cheap. Ad-dress S. CHAFFEE, Byron, Shiawas'e Co., Mich

FOR SALE. At less than value, to close out a property in Southern Michigan, two Dederick Hay Presses, nearly new and in good order. Would exchange for first class young stock. Address 669 Windsor Hotel, New York City, N. Y.

DIRECTORY

CATTLE .- Shorthorns.

A CHANDLER, breeder of Shorthorn cat-tile Shropshire sheep and Essex swine. Stock ale. Correspondence solicited. Jerome, A. D. DeGARMO, Highland, Oakland Co., breeder of Shortnorn Cattle. Stock farm half a mile north of station. Young stockfor sale at reasonable prices.

A. J. COOK, Owosso, breeder of Shorthorn Cattle, Poland China swine and Shropshire sheep. Stock for sale. Write for prices and breeding. o20°85tf

A P. COOK, Brooklyn, Jackson Co., breeder of Shorthorn Cattle. Good families repre-sented. Bull Major Cragge at head of herd Choice young bulls for sale.

ARTHUB ANDERSON, Monteith, Allegan Co., breeder of Shorthorn cattle, established livears, with Romeo 27750 by 23d Duke of Airdrie and Minnie's Duke by Barrington Duke 3d 57624 at head. Correspondence solicited. DENJ. F. BATCHELER, Oceola Center, Livingston Co., Mich., breeder of Shorthorn cattle. Herd consists of Young Marys and Phyllises Young bulls and hefters for sale, Also Merino sheep. Terms reasonable.

HARLES F. MOORE, breeder of pure bred Shorthorn cattle, St. Clair, Mich. Stock for ale. Correspondence promptly attended to.

CHARLES FISHEECK, Lakeside Stock Farm, Howell, Livingston Co. Breeder of Shorthorns. Herd headed by Bates bull Baronet, Belle Bates 47411, Belle Duchess, Cambria's Victoria, Stapleton Lass, Selinas and Bright Eyes families. Young stock for sale. June3-1y

HIBBARD & SON, Bennington, Saiawas-see Co., breeders of Shorthorn cattle, Berk-shire swine and Merino sheep. All stock record-ed. Stock for sale. R. BACKUS, Springdale Stock Farm Williamston, Ingham Co., breeder of thoroughbred Shorthorns, Vermont and Michigan bree Merino Sheep and Percheron horses. Stock for sale. Correspondence solicited.

DAVID P. WILCOX, Forest Hill Stock Farm Breeder of thoroughbred Shorthorns. Stock for sale. Correspondence solicited. Improved farm of 300 acres, with good buildings for sale. Postoffice uddress Riley, Clinton Co. n27-1y* M. UHL, Brookside Herd, Tpsilanti. Choice Shortborns of the best milking and beef making qualities for sale. Correspondence solicited.

P. KELSEY, Clay Ridge, Ionia, Ionia Co., breeder of thoroughbred Shorthorns. Principal families Young Mary, Phyllis, Gwynne and Pansy. 'Also recorded Berkshires and Poland Chinas. Correspondence solicited.

S. BURNETT & SON, breeders of Short-horn cattle. All stock registered. Residence, four and a half miles east of Bancroft, Shia-wassee Co. Stock for sale.

R. BRADEN, Victoria Stock Farm, Bancroft, Shiawassee Co., breeder of pure bred Shorthorns of the Victoria and Stapleton Lass families with Lord Raspberry 2d 48633 at head of herd Stock for sale.

FRANK E. IVES, Hickory Ridge Stock Farm, Unad-lla, Livingston Co., breeder of thoroughbred Shorthorns of good families. Stock for sale. Correspondence invited, jyl-ly EURGE W. STUART, Grand Blanc, Gene of see Co., breeder of thoroughbred Shortkorr Cattle, Registered Merino Sheep, and Jersey Red Swine. Correspondence solicited. ja17-1y* G. W. ARMS, Portland, breeder of Shorthorn t, cattle of the Young Mary and other popular strains of blood. Young bulls for sale. 829-1yt

HENRY BROOKS, Brooks Farm, Wixon, breeder of Shorthorn cattle. The following families represented: Pomona, Rose of Sharon and Phyllis. Correspondence promptly answered.

HENRY LESSITER, Oakdale Stock Farm, breeder of thoroughbred Shorthorns. Stock for sale. Correspondence promptly answered. P. O. address, Gratus, East On July 1814-19 H. H. HINDS, Stanton, Montcalm Co., bree er of Shorthorn Cattle and American Meric

I. MILLS, Bancroft, Shiawassee County, breeder of Shothorn cattle. Families represented: Pomona, Phyllis and Young Mary. Correspondence will receive prompt attention.

snorthorns, registered and grade Merh Stock for Sale. TAMES MOORE, Milford, Oakland Co., Mich.,

breeder of Shorthorn Cattle of leading tribes, herd headed by Gloster Wild Eyes 56239. Also Hambletonian and Percheron horses, Highland Scotch sheep and Jersey Red swine. E. FISK & SON, Johnstown, Barry County, breeders of Shorthorn cattle, Registered American Merino sheep, and Foland-China swine, Plymouth Rock and Wyandotte fowls. Stock for sale. Correspondence invited. P. O. Bedford, Calhoun Co., Mich.

JOHN JOY, Atlas, Genesee Co., breeder of thoroughbred Shorthorns of good families. Young stock for sale. jyl5-1 JOHN McKAY, Romeo, Macomb Co., breeder of Shorthorn cattle. Young bulls and heifers for sale. Correspondence solicited.

TOSEPH SYKES, North Plains Stock Farm,
breeder of thoroughbred Shorthorns. Fashlonable families and color (red); stock for sale; correspondence solicited. Muir, loais Co.

disty L. BROOKS, Novi, Oakland Co., breeder of thoroughbred Shorthern cattle and Jersey Red swine; stock for sale. Write for prices. my39

N. OLMSTED, Burr Oak Farm, Muir, Ionia Co., breeder of Shorthorns. Stock for sale. Correspondence solicited. jai-iy M A. GHOW, Highland, Cakland Co., breed er of Shorthorn cattle, registered Morine sheep and Poland China swine. Write for prices,

M. DAVIDSON, Tecumseh, Lenawee County.

M. breeder of Shorthorn Cattle. A few choice, young females for sale. Also some young bulls. Correspondence will receive prompt attention.

N. B. HAYES, Eldorado Stock Farm, breeder of Shorthorns of the Young Mary, Phyllis, etc., families. Young animals for sale. Also breeder of Norman Percheron stock with imp. Eldorado at the head of the stud. Correspondence solicited. P. O. address Muir Ionia Co. dily

NORTON FITCH, Sparta, Kent Co., breeder of thoroughbred Shorthorns. Stock from good families for sale. Write for breeding and prices. O SNOW & SON, Oaklawn Park Stock Farm,
Kalamazoo, breeders of thoroughbred Shorthorns. Families represented are Foun Marys,
Phyllis, Golden Pippin and White Rose. Correspondence promptly answered.

S CHAFFEE, Byron, Shiawassee Co., breeder of Shorthorn cattle, Morino Sheep and Poland China swine AN stock recorded. Stock for sale H. ELLINWOOD, Rose Corners, P. O. ad-S. dreffs Fentonville, Genesee Co., breeder of Shorthorns. Stock of both sexes for sale. Cor-respondence will receive prompt attention. 1985 36

THE COLLEGE FARM, Agricultural College, Mich., breeds Shorthorn cattle, Berkshire and Posand-China swine, Merino and South down sheep. A choice lot of animals always on sale at very reasonable prices. Address Sam'l Johnson, Sup't of the Farm.

E. BOYDEN, proprietor Spring Brook Stock Farm, Delhi Mills, Washtenaw Co., breeder of Shorthorn Cattle and Merino Sheep, Young stock for sale. Correspondence solicited. W. C. WIXOM, Wixom, Oakiand Co., Breeder, of Shorthorn Cattle, of the Kirklevington, Rose of Sharon, Hilpa, Crulkshank, Aylesby Lady, Young Mary, Phyllis, Lady Helen, Rosemary, Duchess of Sutherland, and other families. Herd headed by the Bates bull Kirklevington Lad 3nd 46333, and Hero 4th 45940.

M. FISHBECK & SON, Woodland Stock Farm, Howell, breeders of Shorthorn cattle of Victoria, Rosemary and Darlington tribes. Correspondence solicited. jani:37 Jan: 57

W. BALL, Hamburg, Livingston Co., breedof Sharon, Young Mary; Young Phyllis and Cruikshank. Also breeder of thoroughbred American
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WH. WHITFIELD & SONS, Lakeside Block Farm, Waterford, Oakland Co., breed-ers of thoroughbred recorded Shorthorn cattle and Hampshire sheep. Speak for sale.

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CHAS. F. GILLMAN, 'Fenfeld Stock Farm' Powamo, Breeder and dealer in thor-oughbred Holstein Friesian Cattle and Merine Sheep.

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JOHN ABBOTT, Lapeer, Lapeer Co , breeder of pure-bred Holstein-Friesian Cattle. Te-umseh 366 at head. Choice young stock for sale. Prices moderate. Office over First National Bank. M. STERLING. Monroe, breeder of pure Holstein-Friesian cattle. Stock for sale. Cor-spondence and personal inspection solicited.

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W. B. CLARK, Hillsdale, breeder of thor-onghbred Holstein-Friesians from import-d stock. Stock for sale. W. H. SEXTON, Howell, importer and breed-er of thoroughbred Holstein-Friesian Cattle Stock farm, three miles south.

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Shrepshire Sheep, Berkshire swine, Road and
Trotting horses, with stallions Flint and Mambrino Gift, Jr., in the stud, with eleven mares of
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A. WOOD, Saline, breeder of thorough-bred Merino sheep. A large stock always on hand. Also Poland-China hogs; herd started from those of B.G. Buel, of Little Prairie Ronde, and G. W. Harrington, of Paw Paw. 1 jai7-tf E. LOCKWOOD, Washington Record County, breeder of Registered Merino Sheep of Atwood Stock, descended directly from the Hammond flock. Stock for sale, Correspondence

CHAS. E. SOUTH WELL, Marshall, Mich., breeder of Mcrino Sheep. Stock registered in Vermont and Michigan Registers. Size, form and density of fleece specialities. May-13-1y 200 young men and ladies to enter the Detroit business university during for profitable employment and a successful business course or learning shorthand. Thousands of Detroit's most successful business men got their start at most successful business men got the most successful busin

for sale. P. M. DEAN, Maple Avenue Stock Farm, Pe vamo, Ienia Co., breeder and dealer in Improved American Merinos. All stock registered and descended from Vermont flocks. Also registered Foland China Swine. Ptock for sals. Correspondence solicited, G. L. HOYT, Saline, Washtenaw Co., breeder of Vermont and Michigan registered thoroughbred Merino sheep. Stock for sale.

JAMES McGREGOR & SON, Metamora, Lapeer Co., breeders of thoroughbred regis-tered Merino Sheep. Stock for sale. my13-y O. THOMPSON, Romeo, Macomb County, breeder of Thoroughbred Registered Merina Sheep; also Poland-China Hogs. Stock for sale. Correspondence solicited. may6-17

DEVARTS SMITH, Ypsiianu, breeder of ther oughbred Merino Sheep, registered in Vermont Register. Rams and ewes for sale of my own breeding, together with recent selections from some of the best focks in Vt. Examine before purchasing elsewhere E. ROGERS, Saline, Washtenaw Co., breed-er of thoroughbred Vermont registered Meri-no sheep. Stock for sale. mr11-ly

H. SNOW, Birmingham, Oakland Co., breeder of registered Merino eheep. Stock bred from the flocks of J. Evarts Smith and J. C. Thompson. Stock for sale.

S. WOOD, Saline, Washtenaw Co., breeder of Vermont and Michigan registered thorough-bred Merino Sheep. Stock for sale. RATHAWAY, Addison, Lenawee Co., Mich R. Breeder of thoroughbred American Morine sheep, registered in Vermont and Michigan Registers. Rams and Ewes for sale of my own breeding, together with selections from some of the best flocks in Vermont. Correspondence solicited, O. LOMBARD, Addison, Lenawee Co., breed or of Vermont and Michigan registered thoroughbred Merino sheep. Stock for sale. Cor-respondence invited.

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EMKRY A. GARLOUK, Howell, breeder and dealer in imported and Michigan bred Shropshire sheep. Foundation, 26 recorded ewes out of Wesley J. Garlock's flock. Write for particulars.

GARLOUK'S imported and Michigan-bred Shropshire sheep are the popular mutton and wool breed. Oldest established in Michigan. Unexceiled by any. Choicest stock at moderate rates. Wessey J. Garlock, Howell, Mich. J. F. RUNDEL, Birmingham, Oakland Co., importer, breeder and dealer in thoroughered Shropshire and Hampshire sheep. Correspondence promptly answered.

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ROBERT R. SMITH, Howell, breeder of and dealer in registered Shropshire sheep. Stock always for sale. Terms to suit customers.

T. A. BIXBY, Lake View Stock Farm, South In. Haven, breeder of Shropshire Stock from imported stock. All registered. Largest flock in Western Michigan. Inspection invited. au3-4m

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A. W. COOLEY, Coldwater, Branch Co., breeder of pure Berkshire hogs of the largest size and very best strains. Pigs and young breeding stock for sale at reasonable prices. All of my breeders are recorded in the American Berkshire Record. Write for prices. olf-8m

EZRA BROWN, Englishville, Kent County, breeder of Berkshire swine of the best known recorded stock. Stock for sale.

W. G. CAVAN. Brampton, Ont., importer, shres. Stock for sale. Letters promptly answered.

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A O. BOWEIN, Wixom, breeder of pure-breed Poland-China swine. All Breeders recorded in Ohio P. C. Record. Choice stock for sale. HAYES, Ithacs, Gratiot Co., breeder of pure bred Poland Chinas. Stock recorded in Ohio Poland China Record. Young stock for sale at prices to suit the times.

C. W. JONES, Richland, breeder of pure-bred Poland-Chinas. My breeding stock all re-corded in both the Ohio and American Poland China Records. T. HARRINGTON, Paw Paw, breeder of pure bred Poland Chinas. All stock in Ohio P. C. Record. Breeding stock not akin for sale. Alse breeding registered Merino sheep. Correspondence invited.

I. LINTZ, Oak Ridge Stock Farm, Rochester, Jakland Co., breeder of pure Poland-Chins swine. All stock bred from the most noted families, and all breeding stock recorded in Ohio P. C. Record. Stock for sale.

H. W. RILEY & CO., Greenville, Montcalm swine; all recorded in Ohio Poland-China ccord Correspondence solicited. IF you want pure Poland-China swine of best strains of blood or choice registered Merinos sheep write to me or see my stock before you purchase elsewhere. C. M. Fellows, Manchester, Washtenaw Co., Mich.

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C. A. SEARING, Lyons, Ionia Co., breeder and shipper of Chester White swine, Oxford Down sheep and Shorthorn cattle. All stock recorded. Correspondence solicited and personal inspection invited. Reduced rates by express W. TUBBS, Delhi Mills, Washtenaw Co., breeder of pure Suffolk and Chester White Swine. Choice stock for sale. Cheshires.

W. FITCH, Howell, Livingston Co., bresser of thoroughbred Cheshires. Stock for sais Correspondence promptly answered. e7-ly

Duroc-Jerseys. JOHN W. FOSTER, Flint, Genesee Co., breeder and shipper of pure-bred Durec Jersey Red swine, registered Atwood Merine sheep and Black-breasted Red game fowis.

W. HILBERT, North Lansing, breeder of Small Yorkshire pigs of best known strains of blood. All breeding stock recorded. o5-3m HORSES.—Draft and Trotting.

Persons visiting either of the three following breeding establishments will be carried to the three if desired. others if desired.

E WOODMAN, Paw Paw, breeder of Parage ron Horses. Imp. Duke of Perche, Monarci and Gray Duke in the stud. Stock for sale at all times at moderate prices. Am breeding Shetian-ponies and Jersey Red Swine. Come and see sy write for what you want.

HILLIBDE STOOM FARM, Watervielt, Berrien Co., Parsons & Baldwin, breeders of Percheron and Hambletonian Horses and Registered Merine sheep. Imported Trojan 1305 (632) and True Boy 4398 at head of stud. Stallions, Brood Marce and Young stock for sale. Correspondence solicited.

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A. W. HAYDON, Decatur, Van Buren Os.
A. breeder of full-blood Percheron horses. At the head of stad is imported Chere, winner of four first prizes and gold medals in France, including a first prise and gold medal at the Universal Exposition of Paris in 1878. Also thorough bred Merino sheep in Vermont and Michigas registers. Stock for sale.

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F C. ARMS, Portland, breeder of high class Light Brahmas; a fine lot of chicks for sale. Be sure and write for prices. n2-8t H. HAYNES, Decatur, breeder of high classes of and fancy poultry. Plymouth Rocks, Wyas dottee, Rose and Single-Combed Brown Legherns. Send for illustrated circular.

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Union Herd of Poland-Chinas. Stock recorded in both Ohio and American records. Special rates by express. A choice lot of April and May pigs at \$10 to \$15 each. cocest HENRY M. MORSE, Union City, Mich.

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Hereford Cattle. Choice stock of the most popular strains of blood for sale at living prices. Correspondence and visits solicited. MERRILL & FIFIELD, Bay City, Mich.

Fine Stock For Sale.

The Shorthorn bull Peter Cooper, red, twenty-six months old, weighs 1,600 lbs. The bull Prince Victor, twenty months old, roan in color. Also roan heifer, a full sister to the roan bull. All of the above were sired by C. F. Moore's Lord Kirklevington of Erie and are registered. They are individually good, sure getters and good handlers.

We also have a matched team of very desirable high grade Percheron filly foals which will be sold at a bargain. Write for particulars to olf-st KEMP BROS., St. Clair, Mich.

Ground Oil Cake! OLD PROCESS.

Now is the time to buy the genuine article cheap To be had in Michigan of F. Van Driele & Co., Grand Rapids. Mayor Ranney, Kalamazoo. T. B. Taylor, Jackson City Mills, Jackson. W. S. Penfield, 219 Woodward Ave., Detroit. Joseph Hughes, Esq., Fort Wayne, Ind.
Srs.—Having tised your Star brand of Old Process Oil Cake Meal, I can cheerfully recommend
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About 100 head of both sexes and all ages. Several head of bulls ready for service, age up to two ages. Choice cows and heifers bred to my prize bulls Prins Midlum and Jomge Carre, who have no superiors. A specialty of young pairs not akin for foundation stock.

Towerything registered and guaranteed pure-bred. Write for catalogue and prices or come and see the herd.

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The Michigan Importation Company, of Hilladale, would call the attention of broeders to their stable of fine Imported Coaching and Draft stock. Of Coach horses we make a specialty, as we are buying carriage horses and find the right kind, at to ship, very scarce. The American cross broad trotting stock does not produce the average required market quality, for rangy, salable carriage horses, for use, beauty, style and action, for the great demand of the eastern markets.

Farmers raising colts from full blooded, imported stallions find their stock will develop young, break easily, sell and make money, as they are sure to breed quality and good sellers. This is a matter of fact and sure of success.

Parties wishing to purchase a first class coach stallion will find the right kind here, as we are receiving regular shipments from Mr. Delangle, effrance, who buys nothing but the approved national government stock

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L.W. & O.BARNES.- PROPRIETORS OF -



Breeders of pure bred Poland China swine and registered Merino sheep. Swine recorded in Q. P. C. Record. Our herd is one of the finest and best bred herds in the State, and has taken more premiums at the Michigan State Fair in the past five years that any other herd. We breed only from animals of fine quality, as well as gitt-ederal pedigrees. We have now for sale a superior lea of young boars and sows; dark in color, and of fine quality. Prices reasonable. Write, or come and see us. Special rates by express.

Greenwood Stock Farm Poland-China Swine a Specialty. Stock recorded in Ohio Poland-China Record, Correspondence and inspection invited. B. G. BUELL

Shorthorns For Sale. Bulls, heifers, cows, and calves of choice milk-ig strains and sired by high bred buils. For



Shorthorn Bulls For Sale. Sired) y Proud Duke of Fairview 20720, and Lord Barrington Hillhurst 52651, out of Young Mary, Phyllis, Lady Rilssabeth, Pori Duchess and Rose of Sharon cows. Also a few cows and helicity of the Communication of the Com

High-Bred Shorthorn Bulls For Sale. Parties desiring a first class ball will find it to their interest to look our stock over sectors buying elsewhere. They are of high individual mark and breeding. Prices low; terms easy. Address Homer, Calhoun Co., Mich.

mr31-tf HOLSTEIN-FRIESIANS!

I have about Twenty head of fine

Cows, Helfers and Calves, for sale at reasonable prices and on easy terms.
Write for description, prices and records, stating what is wanted.

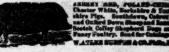
A. L. FOR HISS.
Stockbridge, Rich. FOR SALE!

Light Brahmas, White Cochin and B. B. R. Game Bantams (young stock). I am obliged to close out my stock of pure-bred Poultry. New is your chance to get good stock at very low prices. Address F. B. NKOHOLS, au34-13t Berrien Springs, Mich. HOLSTEIN-FRIESIAN CATTLE

FOR SALE In consequence of the death of my husband, Jacob Friday, the well-known Highland herd of Holstein-Friesian cattle is offered for sale. The herd consists of five females and four bulls, and will be sold as a whole, in lots or singly, to suit purchasers. They will be sold at a sacrifice in order to close them out. Address ol9-4t MRS. JACOB FRIDAY, Coloma, Mich.

HOLSTEIN-FRIESIANS! They Must be Sold I

In order to reduce my stock I will make prices as follows for the next six weeks:
Calves from \$40 upwards.
Yearlings from \$75 upwards.
Cows from \$90 upwards.
All stock registered. Also some fine Durce
Jersey pigs and Bronze Turkeys. Write for what
you want.
GEORGE IVESON.
ol9-tf Somerset Center, Mich.





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chants to put a trial, of in-ll pay United tening posing i, etc. esident rts de-

School troyed aipped instra-t and in the ent of says buted allway Boetry.

THE CRY OF THE DREAMER.

I m tired of planning and toiling In the crowded hives of men; Heart weary of building and spoiling And speiling and building again. And I long for the dear old river, For a dreamer lives forever, and a seller dies in a day.

I am sick of the showy seeming, Of a life that is half a lie; Of the faces lined with scheming In the throng that hurries by, From the alconless thoughts' endeavor I would go where the children play; For a dreamer lives forever, And the toiler dies in a day.

I feel no pride, but pity For the burdens the rich endure. There is nothing sweet in the city But the patient lives of the poor. Oh, the little hands too skillful, And the child mind choked with weeds The daughter's heart grown willful And the father's heart that bleeds!

No, no! from the streets' rude bustle. From workies of mart and stage, I would fly to the woods' low rustle, And the meadow's kindly page, Let me dream as of old by the river. And be leved for the dream alway; Per a dreemer lives forever. And a teller dies in a day.

-John Boyle O' Reilly

THE PRICE.

You are wemanly fair and sweet, my love, Fair and womanly sweet— From the clustering curls of your golden To your tiny, dainty feet,

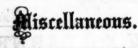
You revel in music, mirth, and song, The froth on life's sparkling wave: You walk through life a regnant queen, With me for your loyal slave.

The cap I hold to your curving lips Brime high with life's rich wine Do you ever think as you sip its sweet

Of the vicerous dreams of youth that died To meet your strong demand?

Of the noble aims, the godlike hopes I have grushed with a cruel hand

That the purest and best of life has died eath your soft control? And that all this glory, and pomp and pride, May have cost a man his soul! -St. Louis Pioneer-Pres



TWO SCARS.

Have another shy, sir? Three shies penny!

Won't have any more shies, sir, bec cokernuts disagrees with yer? Werry good. 'Arry, the gent won't have no more shies se count the sticks:

He's a rum chap, sir, my mate 'Arry is See 'ow stiff he 'olds 'isself, like a cokernu stick with the nooralgy in its neck. He's a old soldier. 'Arry is, and he always 'old isself like that, and he never says a word unless he's spoken to fust, and then he answers ver wery short, as though 'is tongue charged 'im three words a penny. But I ain't that sort myself, as am rather lowquacktions, and I could tall yer a tale abou 'Arry as would surprise yer.

Sit on the grass and have a pipe with yer while I tells yer about it? Cert'nly I will. Thankee, sir.

It all come about along o' this pitch. Now, may be yer don't knew that in the three-shies-a-penny-now's-ver-chanceknock-'em-off perfession a great deal depends on the pitch, which is the ground Sally and three-shies-a-penny is a 'ighly diwertin', innorcent, and 'ealthy recrehation but it sin't no manner o' use for to deny that it ain't often-at least, as a regular thing as we gets patteronized by such tiptop swells as yerself, sir, a-beggin yer pardon for sayin' so, and opin' no offense which the same were not my intenshing.

Consequently, we 'as to pick our ground according. Now, this 'ere is a model pitch. It's a good level bit of grass as looks easy shying, and a nice, lumpy, awk'ard bit of ground for the gents to stand on when they shy. I'm a lettin' yer into some of the per mal secrets, becos I know yer won't go back on a feller.

It looks nice and private, this 'ere mode pitch does, the 'igh palin's there shuttin' off the grounds of the Colonel's manshing; and there's the 'igh road where all the wan runs to Hepping Forest.

It's about five years ago now that me and Arry first went into partnership together. We was a doin' the Punch-and-Judy lay, and me and 'im and the dawg was passing along 'ere one day. 'Arry says, "'alt" he says, wery short.

What's up?" I asks. "See that pitch?" 'Arry says pointing

"Yes," I answers; "what's yer lay?" "Cokernute," he says.

Good," I says, "but we ain't got n sticks, and no nuts, and no bags, and no

He jerks is thumb towards the Punch and Judy box, and the dawg, and he says: "Is this 'ere a-payin' us ?" "No," says I, mournful; "Hingerlish

people 'has forsook the legit' met drammy h-and-Judy ain't a-doing us no good, I says, "but is rather a-lowerin' of our repi. ation. But we've got 'em," I says, " and I roses we'll have to keep 'em, as the man when 'is wife had three at a birth."

Arry stops short again, and snaps out What would the man ha' done with them kids if he could ?"

"Well, mate," I says, "I suppose he'd hat liked to have drownded of 'em, as is early nateral; but we can't drown the Punchand Judy, and what else can we do with em P' I sava.

'Sell 'em.'' says 'Arry.

Sure enough, soon after that we got a chance of dispoging of the legit' met drammy in the shape of Punch, Judy, and the dawg, and then we started in the cokernut ine. Our first pitch was this wery spot, and we done a good trade. Customers was plentiful and bad shots.

The manshing belonged then to an old lady as was wery kind to us. She never inferred with us, but let us make this plot a reg'lar pitch at 'oliday times, and sich a reg'lar pitch at 'oliday times, and sich crop, but I got in afore the row

Many a mornin' she come out and and I 'ears the Judge say again:

give me and 'Arry a nice little bundle of pipe-lights-tracks, yer know, sir-and she were always pleasant and sociable like. One mornin' she come out to us with the tracks and as I was a-bowin' to 'er wery perlite, and 'Arry drawin' 'isself up like a brick wall, a-salutin' of the lady, the old girl says: "I believe," she says, "I have some sort of right over this plot of ground as the owner of the manshing and the park: but so long as you behave yerselves and reads the tracks I shall never disturb you," she says.

"Thank yer, yer ladyship," I replies 'Three shies a penny, marm," I says, "is our reg'lar price, which 'Arry will tell you the same; but any time, marm, as your ladyship would like a nut, come and have a shy for nothink, marm!" But the next time we come round after

that bad noose was told us. The old lady ad gone where they don't never want no tracks. She was dead, sir, and the manshing and park 'ad been took by a peppery, veller-faced, fiery-tempered hold Hangerlow Hintin Colonel, as was frightening everybody about the place. He'd frightened the parson till he could scarcely preach and 'ad almost forgot one day to make a collection: the tradespeople trembled as they see 'is veller face a'colorin' the shop-winders, and the servants in the manshing 'ad quite give up the ridikalous idea of calling their lives

"The place ain't the same." says the chap as was telling us, "since he came into Cayenne pepper is mild alongside of the Colonel, and ginger ain't in it with 'im. As sure as you're alive," he says, "he'll march you to off this pitch in years before no time. He's death, he says 'isself, on all wagabones, tramps and wermins."

"What's 'is name?" I says.

"Colonel Rufus Popperton." I see a rum look come in 'Arry's fac and I says, "Do yer know 'im, 'Arry?"

"Yes," he answered, and I knowed was no use askin' 'im any more just then, becos 'Arry werry seldom says more than one word a hour at the outside.

The next mornin' was Saturday, and and 'Arry got the cokernuts up in good time. We 'ad several young gent a-throwin' wery early that mornin', and after they had gone away 'Arry run up to the cokernut end of the pitch for to throw me up the sticks at the other end to hadd to the 'eap so as to be all ready and 'andy for the next stomer, when he sees for the first time the Hangerlow Hinjin. He comes rushing out of the park gates like a wild bull, shakin' 'is fist, and 'is eyes flashin' in 'is yeller old

Soon as ever he come on the ground I se 'Arry draw 'isself up and begin salutin' but the Colonel didn't see 'im, for he was coming straight on towards me at the other end. Soon he reached me, and then he made few remarks. "You thieves, scamps, wagabones, tramps, rascals, knaves."

"I begs yer parden, sir," I says, "bu ere yer alludin' to me or to 'Arry?" I says. "To both of you," he hollers, quite loud. Clear out of it!" he says. "Clear out sharp, or I'll shoot the two of you like dogs This is my ground and off you go!"

I told 'im all about the old lady what wa there afore 'im, and how she never interferred with us, and give us tracks; but I'd better have 'eld my tongue.

"Tracks?" he shouts, "you won't get any tracks from me. What you'll have to do off, you lazy thieves!"

Now 'Arry 'ad 'eerd all he said, and I se 'is face gettin' blacker and blacker. Just as the colonel paused, 'Arry stood straight up with a nice knobbly stick in his 'and, and a ook in 'is face I'd never see'd there afore all the time I'd knowed 'im. "Colonel," he shouts out in a clear, loud

ringin' sort of voice, "Colonel, I'm going to brow these sticks up to my march out of the line of fire. Once!"

"How dare you," began the Colonel, no

"Twice," sings 'Arry. "You audacious villain!"

stirrin'.

"Three times?" and swift and straigh

eme the nice knobby stick. . 'Arry 'ad said true; the Colonel was in the line of fire, and the nice knobbly stick 'i im on the cokernut. Off rolled 'is at and

down fell Col. Rufus Pennerton. "Carry off the wounded." called 'Arry preparin' to throw up the other sticks: bu the next moment the Colonel was on 'is legs and makin' straight for 'Arry. The gar dinger and two or three other men come rushing out of the park at the same time and 'eld the Colonel back, while one of 'en

went and fetched the perleece. That evenin' me and 'Arry was in jail and the last words of the perleeceman, as he locked the doors, was those, with a pleasing

"This is six months' 'ard; that's what

'Ere's a tarblow for yer, sir. Me and 'Arr, afore the beaks. Three Justicesses on the bench. Perleecemen in bloo. Court crowded. Old Col. Pepperton, lookin' savager and more yellower than ever, with a nasty bit of a scar where the nice knobbly stick 'it 'is cokernut. Me and my mate in the dock The evidence was all give, and I was dis charged with a warnin' never to be guilty no more. I didn't leave the court, but stood as close as I could to the dock, where my poor old mate was standin'.

Things looked wery black for 'im. "It's twelve months' 'ard," whispers the perleeceman to me; "that's what it is. Yes see," he says, "'ow bloo the Chairman's nose is. He always goes in for twelve month' 'ard when 'is nose is that color. It ain't drunk, it's undigestion. It's a beautiful bloo, and with the two red noses along side of 'im, as is sittin' there, it makes

wery pretty pictur'." The three Judges put their 'eads togethe and the old gent as carried the bloo nose about says to 'Arry wery solemn:

"Have you got anything to say for your

"He's never a-roin' to 'ang 'im?" I says to the perieeceman; and then I ups and says to the Judge; "Please yer honor's worship, my lord." I says, "the regular charge is only three shies a penny." I says, "as no doubt your majestly have often 'ad a go at the nuts voourself at that price, as is not extravagant. Three shies a penny is the reg' lar price, my lord, and 'Arry only 'ad one shy. Let 'im off easy, my lord!" I says,

winkin' wery respectful. They turned me out of the court neck and

"Prisoner, have you anything to say for 'Arry pulls 'isself straight up, puts 'is and to 'is 'ead, salutin', and says wery

short:

"Yes! "What, pray?" says the proprietor of the oloo beak.

"This," says 'Arry, and I wouldn't have pelieved as ten million 'orses could ha' drawed such a speech from 'im: "There stands the Colonel," 'Arry says, "and 'ere I stand. The Colonel is 'ere to send me to jail, and I am 'ere to go to jail. You sit ly in spite of me. there to sentence me to jail, and all the crowd of people 'ere are waiting to hear me sentenced. There is the Colonel, and 'ere am I, face to face. Face to face, close for the second time in our lives. Now, I'm just going to talk about the first time, and then let the Colonel send me to good." "Prisoner," says the bloo nose as was un

disgestion, "this is all beside the point." "Sir Frederick," says the Colonel, "let the man go on, I beg of you," and on 'Arry went to scene the first, just like a theyatre.

"The place is a burnin' plain in India. and the time is the Mutiny. An officer has fainted, and lies white and 'elpless on the earth, with the colors of the regiment clutched close and tight in both hands. He lies apart from the torn and battered ranks he's seen tryin' to hold together. A few rebels make a wild rush at the flag. The flag-the flag-is wrenched from the fingers, and they ride away. Then the officer comes to, and he groans, 'The colors! The colors! For nercy's sake, bring me back the colors!

"He tries to stagger on foot, but falls back again, too sorely wounded to rise; and again he sobs out: 'For mercy's sake bring me back the colors!"

"A stragglin' soldier of another British regiment, cut off from the rest, hurries by, Look! he hears the cry, gives one look at the officer and one at the flying rebels who carry the captured flag. He springs on a riderless charger, gives rein, and goes for death or the flag!

"The minutes pass on, and at last th soldier rides back with the colors wrapped round his 'eart, and, as he puts them once more into the officer's white fingers, they are dyod a deeper red by the blood which is lowing from a wound in the soldier's breast. "Colonel, where is the scar I gave you be-

ause you treated me and my mate like hieves, and refused a fair warning?" Liks a man in a dream the Colonel 'eld 'is inger to the scar on 'is fore'ead. Off 'Arry flings 's coat, tears open 'is shirt, and 'olds

s finger to a big, jagged scar near 's noble eart. "And 'ere," he says, "is the scar of the wound which that common soldier bore for

I never knowed properly what 'appened after that. But I remember gettin' on a form and yelling "Ooray!" till I were again chucked out. I remember the Colonel springin' into the dock, shakin' 'Arry's 'and, and callin' 'im "Comrade." Then I remember 'im tarnin' to the three noses on the bench and savin':

"This gallant fellow's story is true. tried in vain to find 'im after the day he's been telling of, but the fortune of war parted us."

Then the Hangelow Hinin turned and ook 'Arry's 'and again, and says:

"Comrade, I am ashamed of myself. But crusty, ferocious fire-eater you have seen me, but because I have no liver!" I don't know 'ow they squared it, but

know 'Arry was discharged in triumph, and ever since then I've kept the nice knobbly stick that 'it Col. Rufus Pepperton on the cokernut. He wanted to pension us both off, and do

all sorts of things for us; but 'Arry wouldn't 'ere pitch whenever we want it. But I believe the Colonel is a-doin' somethink with the Government for 'Arry and me, too, unbeknown to 'Arry; and the roarin' trade we do, sir, whenever we wisits this 'ere nitch. makes me believe as the Colonel bribes everybody about the place for to come and throw.

'Ow much to pay, sir? I ain't reckone up how many shies you went in for, but I'll soon let yer know, sir. 'Arry, count the sticks!- From " The Lamp."

MY FRIEND THE BURGLAR

When I was a young man just starting i practice in the town of Dixon I was appointed counsel by the court for a notorious burglar, who, after having long been a terror to our county had at last been captured and was now awaiting his trial.

He was supposed to be one of the hard gang, and as I entered the room where he was confined I expected to see an abandon ed-looking ruffian of middle-age. Judge of my surprise, then, to find myself in the resence of a mild-looking, blue-eyed, flaxen-haired youth of apparently not more than two-and-twenty years, though I afterwards learned that at least a decade must be added to that.

My much-studied repose of manner wa rather shaken for a moment, but he at once came forward, offered me a chair, introduced himself as Mr. Brown, and asked for my name. I had previously known him as "Black Jack," a sarcastic appellation, I

suppose, on account of his extreme fairness On being told that I was the attorney apointed for his defense his whole manne changed. A loak of crafty cunning crept into his face, the cloak of good manner dropped from his shoulders, and I saw before me the unmistakable desperado whose apprehension had delighted so many hearts.

After a quarter of an hour of confidential talk I plainly saw that the State would win its case against this man. My client and I were beaten before we began. He was very guarded in all his admissions, even under the sacred seal of legal confidence, and so I was surprised to hear him say, as I was leaving him that day: "Well, Mr. Clarkson, of course I prefer

to be cleared, and I shall try ny chances on that; but it really matters little in the end. If the court convicts me I shall not be caged very long." What do you mean?" exclaimed I

startled.

"Only that I never have been long behind the bars, and I never mean to be. I have good friends outside who will look after

I smiled incredulously. "You have never

been in Blacktown State Prison, sir, or perhaps your assurance would be less. Once Clarkson." there, you are safe to stay, I can assure

He laughed lightly and said good-night. thanking me for my kindness in accepting In our subsequent meetings I took pains

to tell him that I believed in his guilt and that the utmost I would undertake would be a mitigation of his sentence. But he always accepted my assertions with an airy pleasantry, and seemed determined to be friend-The trial came on, and, as I had expecte

Brown was convicted and sentenced State prison for fourteen years. There were the list of the victimized. few redeeming circumstances in the case and his sentence was a severe one. I looked for his composure to desert him under thi blow; but, on the contrary, he bade me s cheerful good-evening as he was marched off to spend his lost night in our town jail. I went home with a very uncomfortal

feeling in my heart. Was it my duty as a nan to warn the officers of the jail of this fellow's hints of escape? But what had I eally to tell? Only vague assertions about friends whose powers I did not believe in: and even these made in confidential talks with his lawyer. No, I would say nothing. He would undoubtedly be well guarded, and to-morrow the doors of Blacktown prison would close securely upon him for many a ong year. When I went to my office next morning

saw at once that something unusual had taken place. Little knots of excited talkers had collected on the street corners; fierce gesticulations accompanied stealthy glance hrown over shoulders; and, as I approach ed, room was made for me to enter the first of these bubbling springs of gossip. "Well, Clarkson," said an old lawyer

who had long been my friend and patron 'It seems that 'Black Jack' is free, and o thanks to you, my boy!" I started, almost guiltily. "Free? Wha

o you mean?" "I mean that, to all appearances, he

abed and asleep whenever the warden look ed in last night, but that when his breakfas was taken to him this morning the figure in bed turned out to be only the pillow well covered up, while our bird had flown through the window by means of the neatest sawing on the bars you ever saw." "Sawing? Where could he have conceal

ed an instrument? Was he not thoroughly searched?"

"Of course, and he had nothing. Everything was taken from him except a little old, well-thumbed Bible that had 'Jessie Brown, faintly traced on it in old-fashione letters. He said it had been his mother's and begged that he might keep it as the las tie to better days. Naturally, they hadn't the heart or the conscience to refuse that He must have been helped from outside," "Who is after him? For I suppose son

body is." "I should say so! The sheriff, and all hi posse, and half the town besides. They are vild at 'Black Jack's' escape, but I don't believe they will lay hands on him again very soon. He has had too good a start." And so it proved. After a three days

ruitless search the hunters all returned giving up the game as too wily for them, the sheriff fuming and fretting at an escape tha had virtually cost him his reputation.

Just a week later the morning pos

rought me a square, stylish-looking letter. addressed in a neat, feminine hand. I open ed it with some surprise, as my lady corres pondents were few, but had hardly read two lines when surprise became astonishment. and that, in turn, amazement. This was the missive:

Mr. Obediah Clarkson-SIR: You wontown prison. In the same way, I reply, that I escaped from Dixon jail. I never knew a Prison Warden yet (and I have in my time come across a good many of them that was hard-hearted enough to take away from me my mother's Bible. Well conceal ed between its double covers are the onlimplements I need to pick the stronges lock that ever was made or to file the thick est bar that ever was forged. I should no tell you this now, except that 1 am off fo foreign parts, and never expect to see this country again. But I liked you, and can't resist this parting word. When you defend another burglar, find a worthier on "BLACK JACK."

You see, the scamp was well educated for his letter bore every evidence of that, as did his conversation. He had evidently seen better days, and the traces of dead manhood in him were doubtless what had attracted me. The letter was, of course post-marked from a distant town where be had never been seen, and was no help in tracing the lost clew. Well, I thought this was the end of my adventure. But the

queerest part was still to come. The cares of life accumulated rapidly up on me soon after these occurrences, and my constantly increasing practice, followed by my marriage, succeeded in so filling my thoughts that "Black Jack" was driven almost from my memory.

Some five years after this episode my wife and I found ourselves making a new home in a western State, and, in spite of some unavoidable twinges of regret, we soon settled into contentment and happiness in our unaccustomed quarters.

We had been inhabitants of the thriving little town of X-only a few months when our quiet life was rudely aroused into excitement by a general alarm of burglars. A half-dozen houses were broken into in one night: watches, silver, jewels, everything valuable and small enough to be easily carried, taken off, and yet the occupants of the various ransacked dwellings not once aroused from their slumbers. It was in those days almost like magic, and we hardly knew how to protect ourselves. The burglars were certainly doing their work in the most professional and deft-fingered way. Our neighbor on the right had been one of the latest victims, and we feared that our turn might come. Double locks and bars were employed, the police guard doubled, and I slept nightly with a loaded pisto under my pillow, which alarmed my wife almost as much as an anticipated burglary.

But all our precautions were of no avail. We waked one morning to find ourselves minus our small silver (all that was solid), my wife's diamond earrings, her father's wedding gift, and, greatest loss of all, my watch, a family heirloom, which I prized highly and which money could never replace It bore amid the quaint engraving of its inner case the name of my great-grandfather,

which was also my own, "Obediah H.

The jewels and the watch had both bee aken from what we had considered a safe hiding-place in our own room, and yet we had been conscious of no noise, not even an inpleasant dream. But a faint, sickening odor in the room combined with headaches. of which we both complained, left no doubt that chloroform had been the agent of this burglary, as doubtless in all the others. Of course, I said that we must accept our fate like the rest, as there seemed small chance of the rascals being caught. Such a street guard, however, was now put upon the whole town that our house was the last or

Three days later, as my wife and I were sitting down to breakfast, which just nov we had to be content to eat with plated forks and teaspoons, there came a loud ring at the door-bell. The faithful Bridget answer ed the summons, and returned after a short parley with a small express package market Paid." "My shoes from New York," said my

wife. "No." said I: "It is addressed to me

The new books I sent to Boston for," tear ing off the wrapper as I spoke. Imagine our sensations when on remov

ing the cover of the wooden box, our lost forks and spoons, the blue velvet case containing my wife's earrings, and my own beoved watch were revealed to our amazed

"Harry" gasped my wife, "where did they come from?

"I don't know," I answered helplesly Just at the moment my gaze fell upon small folded note at the bottom of the box and as I looked memory began to stir and waken; for that peculiar, delicate handwriting had certainly come under my notice before. Still struggling with this faint and elusive remembrance, I unfolded the bit of paper and read its contents:

Mr. Obediah Clarkson-DEAR SIR: You may thank your queer name for bringing these things back to you again. It was after we had left your house and the town that I saw the marking on your watch and knew that we had robbed a man that I have always felt was a friend. I vowed ago that I'd do you a good turn some day and now here it is. I have found out tha you're the same Obediah who defen at Dixon, and you're welcome to the "swag."
I'll never rob you if I know it; for there i 'il never rob you ...
onor even among thieves.
"BLACK JACK."

"O, Harry, Harry!" sobbed my wife (fo am happy to state that my middle name Henry), "I'll never abuse your poor old name again! I did think it was frightful but see what it has done for us-that an your kindness to that dreadful burglar."

I smiled rather wearily, remembering th sentence in the note about "honor among thieves," and almost felt that I had been included under that appellation! But from that day to this we have heard no more o 'Black Jack," and have concluded that, in my event, the Obediah Clarksons are safe from his gentlemanly depredations. He is known in the family as "My friend the burglar," and his preference for me is rather a sore subject .- G. H. Underwood in the Cosmonolitan.

BRUTE INSTINCT.

How Wounded Animals Treat Them selves Without Aid.

Animals gettrid of their parasites by using dust, mud, clay, etc. Those suffering from fever restrict their diet keep quiet, seek dark, airy places, drink water and sometimes plunge into it When a dog has lost his appetite it eats that species of grass known as dog grass, which acts as an emetic and a purgative. Cats all eat grass. Sheep and cows when ill seek out certain herbs. An animal suffering chronic rheumatism always keeps, as far as possible, in the sun. The warrior ants have regularly organized ambulances. Latreille cut the antennæ of the ant, and other ants came and covered the wounded part with a transparent fluid secreted from their mouths If a chimpanzee is wounded, it stops the bleeding by placing its hand on the wound or dressing it with leaves and grass. When the animal has a wounded leg or arm hanging on it completes the amputation by means of its teeth. A dog, on being stung in the muzzle by a viper, was observed to plunge its head repeatedly for several days into running water. This animal eventually recovered. A sporting dog was run over by a carriage. During three weeks in winter it remained lying in a brook. where its food was taken to it. This animal recovered. A terrier burt its right eye. It remained under a counter. avoiding light and heat although to habitually kept close to the fire. It adopted a general treatment, rest and abstinence from food. The local treatment consisted in licking the upper surface of the paw, which it applied to the wounded eye, again licking the paw when it became dry. Animals suffering from traumatic fever treat themselves by the continued application of cold water, which M. Delaunay considers to be more certain than any of the other methods. In view of these interesting facts we are, he thinks, forced to admit that hygiene and therapeutics, as practiced by animals, may, in the interest of psychology, be studied with advantage. Many physicians have been keen observers of animals, their diseases and the methods adopted by them in their efforts to cure themselves, and have availed of the knowledge so brought under their observation in their prac

Two persons who have chosen each other out of all the species, with design to be each other's mutual comfort and entertainment, have in that action bound themselves to be good-humored affable, discreet, forgiving, patient and joyful with respect to each other's frailties and imperfections to the end of their lives.

The claims as to the curative powers of Hood's Sarsaparilla are based entirely or what the people say it has done for then Send to C. I. Hood & Co., Lowell, Mass., for book containing statements of many remark able cures by Hood's Sarsaparilla.

Judgment, lumber and boiled eggs need

JAPAN'S WONDROUS GARDEN.

The Trees and Flowers-An Atmosphere of Delicious Comfort. The spring and summer in Japan is

full of picturesque beauty, and yields an atmosphere of delicious comfort. The skies drop gladness. Its garden pictures are changing as a kaleidoscope. The terraced hillside, rank with verdure, vie with wheat-fields bending 'neath their load of grain; some just cut and supplanted by rice, in fields flooded with water, while others, green with the tender shoots, are ready for transplanting. When the seasons are unusually dry nothing is left to suffer. The reservoirs are so large, and the irrigating system so complete, that Japan's wondrous garden smiles on beneath scorching rays. The trees of Japan are a wonder. Here is the mockungi," with its purple bell-shaped flowers: also the magnolia, with its rich white and purple clusters. Queen among the trees towers the camelia.

Some of these are sixty feet high and are covered with blossoms from Januuary to May, of many varieties, from the large pure white, resembling a double rose, to various shades of pink and red. The cherry and plum trees are cultivated solely for their blossoms, and are trees of rare beauty. The former grows thirty feet high and as many broad, its branches covered with red and white flowers, two inches in diameter and perfuming the air at a great distance. Its petals of snow and cream, falling in showers, spread many a carpet for the feet on the stone paths leading to the temples, verifying the native poet when he says, "There are snow showers which do not descend from the skies." The plum tree is par excellence the poet's tree. Often it is seen standing leafless in the snow, yet adorned with blossoms like a bride. The tree bursts into soft clouds of bloom and fragrance in February, but without leaves

Along the hillsides maples and pines are covered with vines of exquisite loveliness, trailing and intertwining with bewildering intricacy; among these are the wistaria and thunbergia, with their purple stars and tufts. From the verdant valleys to the tops of the mountains are seen lilies, pinks and roses of endless variety. The grass is studded, and flowers spring even from the quaint, artistic thatched roofs of the tea houses, asking leave only to grow and bless the light. These tea houses seem idyllic. They are a national institution, for they are everywhere; along the city streets, by the roadside, in the groves, woods, parks, valleys, and up the mountain side.

The French at Sontay.

Some additional details about Sontay which is here the sole subject of conversation. In the attack on the forts of Phusa on Dec. 14, at the angle of the two dikes, the Turcos charged with such impetuosity that their officers could not restrain them. They had in consequence to be called back but on seeing the Marine Infantry going in front of them they again rushed forward like madmen. There wear in this first attack 250 men hors de combat out of a total of 358 in the two affairs and moreover a high proportion of officers. When the Turcos, after their repulse, got into the enemy's intrenchments they committed a frightful carnage, being exasperated by the sight of the headless corpses of their comrades who had fallen in the first The Foreign Legion showed admirable discipline, and the steadiness and bravery of the Anamese sharpshooters were much praised. Under the fire of the ramparts they delivered several volleys with a precision which filled our officers with astonishment. The intrenchments were formidable. and if they had had more artillery it would have been very difficult to even

approach them. A Horse's Memory. On the farm of Mr. W. C. Marrow, in the county of Warwick, Va., there lives an old "war horse," that seems to vet remember the days when the shot and shell flew thick and fast. The horse was the property of Major Marrow, son of the above named gentleman, who was an aid on General Lee's staff. The horse was in a number of battles and was at the surrender at Appomattox. Late in the year of 1865 he was carried to the above farm, he being at that time twelve years of age. There he has remained up to the present time. Some few days ago a boy with a drum passed by the house, and some one asked him to beat the "long roll." The old horse was grazing fifty yards away. As soon as the boy commenced to roll the drum the old charger raised his head, and then, with ears and tail erect, and nostrils distended, he cantered proudly up to the drummer. signifying his appreciation by repeated neighing, and remained until the boy stopped.

The true friend is not he who makes of friendship an excuse for greater laxity in matters of gentleness and courtesy, but who finds in it a call to more exquisite courtesy-who does not fall into the stupid blunder of supposing that informality means the disregard of the principles which underlie politeness, and who never commits the selfish error of amusing insolence and impropriety to be excusable toward those we love.

The face paints used by the Piute and Washoe Indians are made from earth paints and grease. Any kind of strong butter, lard, hair oil, or fats of any kind are used. The red comes from the foot of Gieger grade, the yellow comes from Pyramid lake, and the white from a mountain below Wadsworth, and many other places in Nevada. Black paint is made from nitch nine stumps that are burned and the soot scraped off. The black paints are put on with sticks and the others are daubed on with the hands. Both sexes and all ages indulge in the habit.

THE COCAINE HABIT The Worst Slavery Known-New Revela

Cincinnati Times-Star

When cocaine was discovered the medical world exclaimed "thank heaven!" But useful as it is, it is also dangerous especially when its use is perverted from the eadening of pain for surgical operations to the stimulation and destruction of the human body. Its first effects are soothing and captivating, but the thralldom is the most horrible slavery known to humanity,

J. L. Stephens, M. D., of Lebanon, O. was interviewed by our reporter yesterday at the Grand Hotel, and during the conver sation the doctor said: "The cocaine habit is a thousand times worse than the morphine and opium habits, and you would be astonished," he said, "if you knew how fright. fully the habit is increasing." "What are its effects?"

"It is the worst constitution wrecker ever known. It ruins the liver and kidneys in half a year, and when this work is done, th trongest constitution soon success "Do you know of Dr. Underhill's case

ere.in Cincinnati?" "That leading physician who became ictim of the cocaine habit? [Yes. His case was a very sad one, but the habit can be cured. 1 have rescued many a man from a

vorse condition." "What, worse than Dr. Underhill's" "Indeed, sir, far so. Justin M. Hall, A.

M., M. D., president of the State Board of Health of Iowa, and a famed practitioner, and Alexander Neil, M. D., professor of surgery in the Columbus Medical College, and president of the Academy of Medicine a man widely known, Rev. W. P. Clancey, of Indianapolis, Ind., from personal experience in opium eating, etc., can tell you of the kind of success our form of treatment wins, and so can'H. C. Wilson, formerly of Cincinnati, [who is now associated with

"Would you mind letting our readers into the secret of your methods?

"Well, young man, you surely have a good bit of [assurance to ask a man to give is business away to the public; but I won't wholly disappoint you. I have treated over 20,000 patients. In common with many eminent physicians, [I, for years made a close study of the effects of the habits on the system and the organs which they most severely attack. Dr. Hall, Dr. Neil and Mr. Wilson, whom I have mentioned, and hundreds of others, equally as expert, made many similar experiments on their own behalf. We each found that these drugs worked most destructively in the kidneys and liver; in fact, finally destroyed them. It was then apparent that no cure could be effected until those organs could be restored to health. We recently exhausted the entire range of medical science, experimenting with all known remedies for these organs, and as the result of these close investigations we all substantially agreed, though following different lines of inquiry, that the most reliable, scientific preparation, was Warner's safe cure. This was the second point in the discovery. [The third was our own private form of treatment, which, of course, we do Inot divulge to the public. Every case that we have treated first with Warner's safe cure, then with our own private treatment, and followed up again with Warner's safe cure for fa few been successful. These Ibehits can't be cured without using it, because the habit is nourished and sustained in the liver and kidneys. The habit can be kept up in moderation, however, if free use be also made, at the same, time, of that great rem ely."

"Yes, it is a world famed and justly celebrated specific! Like many other physicians. I know now for a fact that it is the world's greatest blessing, having sovereign power over hitherto incurable diseases of the kidneys and liver, and when I have said that, young man, I have said nearly everything, for most diseases originate in, or are aggravated by, a depraved condition of the kidneys."

"People do not realize this, because singular as it may seem, the kidneys may be in a very advanced stage of decomposition, and yet owing to the fact that there are but few nerves of sensation in them the subject will not experience much pain therein. On this account thousands of people die every year of kidney disease unknowingly. They have so called disorders of the head, of the heart and lungs and stomach, and treat them in vain, for the real cause of their misery is deranged kidneys and if they were restored to health the other disorders would soon disappear."

Dr. Stephens's experience, that can be confirmed by many thousands whom he has treated, adds only more emphasis to the experience of many hundreds of thousands all over the world, that the remedy he refers to is without any doubt the most beneficent discovery ever given to humanity.

Quaker Marriages.

In the Quaker society divorce is almost unknown. No society throws about the marriage contract more solemnity and more of public recognition. The ceremony begins a full month before it is completed by marriage. The young people have to announce in public their intention of marriage. One month later they appear together in public meeting of the society and arise to say, "We will continue our intentions of marriage." In the meantime wise advisers of the contracting parties have fulfilled their duties, and the final ceremony, which usually takes place some days afterward in public, occurs, the marriage is entered into in the proper spirit.

Between Damascus and Jerusalem is said to be a tribe of about three thousand Israelites, who have probably been there since the beginning of the Christian era. They have neither city nor town, but live in tents, and speak the Hebrew language among themselves, but use the Arabian with strangers. They have remained, like the primitive races, exclusively tillers of the soil and warriors, and they always go armed.

Economy in our affairs has the same effect upon our fortunes that good breeding has on our conversation.

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OMITTED BY POE. Bear the tinkle of the bells— Chestnut bells. What a world of ancient gags their melody fore

How they ting, ting, ting,
Through the super-heated air,
While you'd give 'most anything
If you could only fing
Something at the "John-nule" there— Something at the "John-mule" there—
As he chimes, chimes, chimes,
on that bell a dozen times;
And a hundred rousing cuss-words from your
heaving bosom swells,
At the bells, bells, bells,
Bells, bells, bells—
At the jingling of the blasted "chestnut" bells.

THE HINDU WIDOW.

Looked Upon as the Evil One of the Household. The formal period of mourning for a widow in Bengal lasts for one month with the Kayasths, the most numerous and influential class in that part of India-the Brahmins keeping only ten days. During this time she has to prepare her own food, confining herself to a single meal a day, which consists of boiled rice, simplest vegetables, ghi or clarified butter, and milk; she can on no account touch meat, fish, eggs, or any delicacy at all. She is forbidden to do up her hair and to put any scent or oil upon her body. She must put on the same cotton sari day and night even when it is wet, and must eschew the pleasure of a bed and lie down on bare ground, or perhaps on a coarse blanket spread on it; in some cases she cannot even have her hair dried in the sun after her daily morning ablution, which she must go through before she can put a particle of food in her mouth, The old women say that the soul of a man after his death ascends to heaven quickly and pleasantly in proportion to the bodily inflictions which his wife can undergo in the month after the death of her husband. Consequently the new made widow, if not for any other reason, at least for the benefit of the soul of her departed husband, must submit to continuous abstinence and excruciating self-inflictions. A whole month passes in this state of semi-starvation; the funeral ceremonies, which drag on till the end of that period, are all performed, and the rigid observances of the widow are a little relayed if it may be so termed since the only relaxation allowed to her is that she need not prepare the food with her own hands, and that she can change her clothes, but always using only plain cotton saris. The real misery of the widow, however, begins after the first month. It is not enough that she is quite heart-broken for her deceased husband, and that she undergoes all the above mentioned bodily privations; she must also continually bear the most galling indignities and the most humiliating self-sacrifices. She cannot take an active part in any religious or social ceremony. If there be a wedding in the house the widow must not touch or in any way interfere with the articles that are used to keep the curious marriage customs. During the poojahs, or religious festivals, she is but grudgingly allowed to approach near the object of veneration, and in some bigoted families the contact of a wittow is supposed to pollute the niate rials requisite for the performance of marriage ceremonies. The widow is, in fact, looked upon as the "evil one" of the house. If she has no son or daughter to comfort her, or if she has to pass her whole life, as is often the case, with her husband's family, her condition truly becomes a helpless one. shot from an enemy. During any ceremony or grand occasion around her enjoying and disporting themselves, and if some kind relation does not come to relieve her tedium she has hardly any thing to do but to ruminate on her present sad, wretched condition. Every female member of a

ties, but a widow cannot, and if she ex-

presses any wish to join the family on

such occasions it is instantly repressed

by the curt rebuke of her mother-in-

law or some other relation that "she is

a widow, and she must not have such

Origin of Slanting Roofs. To find the source from which the European nations have derived the art of building in stone we must look to the land of the Pharaohs. From Egypt the craft passed to Greece, and from the Greeks it was taken up by the Romans, to be by them disseminated through the north and west of Europe in the process of colonization. The similarity, in regard to the constructive parts of the ancient Greek buildings, to some of those found in Egypt of older date affords strong confirmation of the tradition that the Greeks borrowed the art from the Egyptians. The Greeks, however, in adopting it added a new feature, the pediment, and the reason for this addition is easy to find. Egypt is practically rainless. All the protection from the climate required in a palace or temple in such a country is shelter from the sun by day and from the cold by night, and for this a flat 100f supported by walls or pillars with architraves is quite sufficient, but when, as in all European countries, rain has to be taken into account, a slanting foof becomes a necessity. The Greeks, with their eye for symmetry, provided for this by forming the roof with a central ridge at an obtuse angle, from which it sloped down equally on either side. The triangular space thus formed at the end of the building above the architrave was occupied by the pediment, and this part of the facade, which owed its birth to the exigencies of climate, was thenceforth regarded as 30 essential to the artistic completeness of the work that it was said that if a temple were to be erected in the celestial regions, where rain would not be possible, the pediment could not be

Open-work woolen materials, lined for autumn wear.

EARLY QUAKERS.

The Home Life, the Meeting House, and the Marriage Customs. The home life of the early Quakers differed very little from that of other Puritans so far as outward appearance

was concerned, but directly the door

was closed the difference was apparent. According to the rules of the society, men and women are in every respect equal in religious and social matters; the wife can be a minister or an elder just as well as her husband, and if she feels called thereto, is at full liberty to speak in the meeting. All readers of Puritan literature know that with whatever respect women may be mentioned, there is always an implied reservation that they are the inferiors of man, and the Puritan husband was usually in a very real sense lord and master. With the Quakers this was not so; the equality in the meeting-house was largely carried into the home life, and that it was not more complete was only on account of the one-sidedness of the law. As may be expected, Quaker households were usually very happy ones. The friends insisted that only members of their society might be united, and both before and after the marriage assisted in making the wheels of life run smoothly, although it is to be feared they often

insisted in turning them a good deal more than was necessary Before two Quakers could marrythat is, and remain in the society-the parties were required to attend a meeting and publicly announce their intention of being wedded. A committee was then appointed, which instituted inquiries to discover, among other things, whether the man was in a position to marry, and whether he was free from the claims of any earlier affection. They also inquired into the state of his health, and whether his relations had any objection to his marrying, and if not, if they saw reason to object to the wife he had chosen. A committee of women made similar inquiries regarding the girl, and were very particular in examining whether she had flirted unwisely or otherwise misconducted herself. That the young couple had not sufficient means to marry upon was not considered in itself an insuperable bar, for the society, not having the fear of Malthus before its eyes, had a fund from which grants could be made toward furnishing. In very early times the parties were expected to be accompanied by their parents, or at the least to bring duly signed and witnessed assents from them, when they attended to announce their intention of getting married, but this was soon given up. On a date fixed the parties were required to attend another meeting, when, the same mind, and if the committee of inquiry had reported favorably, permisson to marry was formally given and a day for the nuptials fixed.

Sleeping Face Downward.

Hunters, scouts, children and wild men sleep with the spine upward. So do animals, all but civilized man. If a dog, a cat or a horse were forced to lie mon its back it would die Among the Arabian jugglers and show people that have been brought to this country it has been noticed that they always turn over upon their breasts when they go to sleep and lie that way till they wake. It seems to be the natural way. It protects the vital organs in case of a

The spine and the great amount of she has silently to look on, others

nerve tissue that starts from it are the
great amount of a great and successful robber he is.
He does not tell that the Bear braves most sensitive parts of the body. Lying with the great weight of the stomach, heart intestines and other organs pressed upon these nerves it seems must in time work injury. Even the half weight, as when a person lies upon family, whether married, can go to par- his side, must have its bad effects, it is said. The spine and nerves are also abnormally heated by the common way of resting. Keep the spine and spinal nerves cool, say the advocates of the cow's and the wild man's way of sleeping. There are such advocates, among them able physicians. They affirm that turning upon the breast to sleep will relieve backache. Also, it will leave the nerve stimulant free to flow vigorously from its centres and in that way will remedy indigestion and take

away the bad taste in the mouth. Many will be surprised to find how difficult it is to lie with the face downward after years of reposing in the other attitude. One cannot do so comfortably ten minutes at first. But practice will overcome the difficulty The natural method, so called, of sleeping, has many and able advocates,

recently. Stenography. A shorthand writer says that it would be a genuine kindness to many poor boys and girls, if the fact could be printed that the supply of stenographers is largely in excess of the demand. Encouraged by the comfortable salaries which some skilled stenographers earn, thousands - literally thousands-of boys and girls in all our large cities have studied or are studying shorthand. Not many of them can hope to get situations. The fact should also be published that the so-called schools of stenography which advertise that they will secure good situations for all of their graduates are delusions and snares. Their main purpose is to get are heard in Paris, and really it is govthe aspirant started, get his money, and give him a smattering of shorthand.

An Ingenious Swindle. A Swindle recently detected is conducted as follows: A check, say for ten dollars, is obtained from a depositor at a bank, and a blank check exactly like the filled-in check is secured. The two checks are laid one upon the other, so that the edges are exactly even. Both checks are then torn irregularly across, and in such a way that the signature with rich colors, are used for redidgotes on the filled check appears on one piece and the amount and name of the payee on the other. The checks having been reputation. He lives in a gorgeous

course one piece of the blank check will exactly fit the other piece of the will exactly it the other piece of the filled check. The swindler then fills in all derived from gambling at Monte Carlo. one piece of the blank check with the name of the payee and the amount to suit himself, say five thousand dollars, takes it with the piece of genuine check containing the signature of the bank. and explains that the check was accidentally torn. The teller can put the pieces together, and as they fit exactly, the chances are that he will think the pieces are paris of the same check, and ecome a victim of the swindle. The trick, of course, suggests its own remedy. The teller should refuse to pay any check that is mutilated.

Indian Picture-Writing.

Let us see how an Indian of North America goes to work to write. Suppose a wild Indian belonging to the great clan whose members call themselves the Turtles, makes a raid on a village of huts and wigwams owned by enemies belonging to the wide-spread clan called the Bear clan. Suppose it has taken the Turtle three days of hard travel through forests and over the hills to reach the Bears. By means of their crafty spies, they find that the brave men of the Bears are away hunting moose, and that most of the squaws and papooses are either in the fields of maize or in the woods, where the berries are ripe, and only a few old men and women are left behind to keep watch over some ponies and oxen. Then the Turtles, each clutching his bow, creep on the village under cover of the woods, and with a terrific yell rush at the wigwams. The old people rush into the bushes, frightened almost to death, as you can well imagine. Then the Turtles gather up all the ponies and oxen, drive them off, burn all the wigwams they can, and hurry home with the cattle. Now these savages think they have done quite a fine thing in robbing their neighbors of their cattle and plundering and burning their homes, as does one great nation in Europe, when like our Turtle chieftain, badly counseled by wicked and ambitious men, it robs another of its great province, and then forces the wretched people to obey the laws of a nation they dislike. And they wish to let other Indians know what clever robbers they have been. So the Turtle chief chooses a piece of smooth, cream-colored birch bark, chews up a little tobacco to serve as ink, plucks a twig of soft-wood for a pen, and with the tobacco juice draws the following pictures:-First comes a Turtle and it is a very

big turtle, because he thinks he and his clan are very great personages indeed. Then he draws as many waving lines. after they had stated they were still in to represent bows, as there are Indians in his party, and perhaps the same number of Indians with topknots: his lines bend forward to show in what direcetion the trail went. Following these a rising sun stands for daybreak, and three lines under it means that three days went by in going to the Bears. Next, he puts down as many little funny pyramids as there were Bear wigwams, and draws them upside down to show how they were destroyed. After that he draws, as well as he can, a wee, wee bear, very small in order to show his contempt for the Bears. Finally, he draws with the greatest care as many oxen and ponies as he has captured, because he is chiefly proud of this part of his exploit and wishes all the world of the woods to know what were away when he surprised the camp, and propably does not care to tell that part of the story. We may understand it from the absence of any sign for scalps. Had there been resistance and men slain on either side, the exact number of dead would have been noted by drawing just as many human figures without their heads

Monte Carlo. A half hour's journey from Nice is Monte Carlo, the capitol of Monaco, the smallest kingdom in the world. Monte Carlo may be safely said to be the nearest approach to hell of any place on this terrestrial sphere. The entire kingdom is only two miles square. a little patch perched upon mountains and running down, or rather plunging down to the sea. It is the most beautiful spot on earth. It has the broad sea in front of it, unbroken by land until it strikes the African coast. It is protected in the rear and on both sides by high mountains and enjoys perpetual summer. The orange trees are in perpetual bearing, twelve regular crops a year being gathered. Vegetation is always bright and green. There is no such climate in Europe, and no place anywhere that nature has done so much

This pocket kingdom is the property of one family, the Grimaldis, who were made lords of Monaco in 968, and they have held it ever since. The house is now represented by Prince Charles a portly old man who is totally blind. Really, it is a part of the French Republic. France holds its custom house and postal arrangements, but for some reason it has been left in the possession of the hereditary prince, who governs it absolutely. It has courts, but appeals erned by France.

Of course it has an army; no prince could exist without an army. The military power of Monaco is composed of seventy men, two-thirds of them being officers, and the rest doing duty as policemen. However, it is a regular army, with a commissary and subsistence department, and everything regular, exactly the same as that of the

Emperor of Germany. The family have something of a reputation for military skill, and have made their mark in their day, but the present

held together while being torn, of palace and drives magnificent horses, and lives like a king, which he is in name. The revenues of Monaco are

> The Widow. The other day a very dainty young woman in black, with a mourning veil -not too mourning, just about mourning enough—so draped as to set off her shapely head and neck to advantage, entered a large stationery store on Washington street, and said sweetly to a clerk behind the counter: "Do you have all kinds of mourning cards?" "Yes'm; we have the cards, and can get them engraved for you." "Oh, I don't want the kind they

get engraved-I want playing cards, you know." "Mourning playing cards!" "Why, yes, don't you think they would be real nice and tasty?" The clerk was obliged to confess that

the trade hadn't yet reached the point of supplying playing cards with mourning borders for bereaved lovers of whist and draw poker, and the lady left the store visibly disappointed. Matrimonial Item.

"I am very sorry I did not get acquainted with you until I had become a widower" said Col. Percy Yerger to his second wife, with whom he does not live very happily." "What do you mean by that," asked

the partner of his joys. "Nothing, except that I would much rather that you had been my first wife,"

replied the fond husband, carelessly. Why do you wish that I had been your first wife?"

"Because some other woman would be my present wife, darling," Made to Take it all Back.

The liar was telling some of his friends in the smoking-car how he was a government contractor during the war and on one occasion he worked in five thousand pairs of shoes with pasted soles. "Was that jist before Second Bull

Run?" queried a farmer-looking man on a seat near by. "I believe it was"

The farmer pulled off an old shoe and exhibited a bunion as big as his "I got a pair of shoes," he said, as he

stood up, "and they made this bunion and lamed me up so that I was captured and spent six months in Andersonville. Stranger, prepare to git the darnedest licking on the earth." The liar had to admit that he was

only sixteen years old when the war closed and to furnish the bunion man with a cigar.

What They Were.

A hostess who cannot preserve her serenity upon even the most crucial occasions is lacking in one of the most essential qualities of an entertainer. The thoughtless spilling of her best wine, the soiling of her whitest tablecloth, nay, even the smashing of a whole trayful of her best old family china, should not cause one muscle of her countenance to change.

On the other hand, an affected ignorance respecting the contents of the day's bill of fare is at times almost as fatal as the opposite extreme. I was myself present at a dinner party at which one of the untutored stablehelpers was brought in on an emergency, to assist. "What are these, John?" inquired

lingly trust forward a dish of tartlets just under her right elbow.

"I don't know ma'am, really," he replied, "but I think they're a penny a

Man's Unselfishness. He-Well, wife, it looks as though the steamer was about to sink, and there are no life-preservers. She-Oh, Harry, what shall we do?

He-I have thought. Babies, I have heard, will not sink. If the worst comes I'll throw little Robbie in and you catch hold of him." She-What will become of you? He-Oh, never mind me. I'll arrange

A Smart Young Man. "College man, Eh?" said old Gram-

to get a door or two. That'll keep me

"Yes, sir," young Mr. Slim meekly admitted. "Thought so," growled the old man; Graduated, I reckon?

'Yes," young Slim confessed. "Now," said the old man, " what did you learn when you graduated? Come, speak up if you want the place."

"Nothing," said young Slim, still more meekly; "nothing at all." "Thought so," roared the old man in

triumph; "just what I thought." "You see," added young Mr. Slim. in a voice that Moses might have envied, we don't learn anything when we graduate; we have to learn it all be-

Young Mr. Slim deserved the situation, but he didn't get it, all the same.

He Didn't Blame Them. The new baby had proved itself the possessor of extraordinary vocal powers, and had exercised them much to Johnny's annovance.

One day he said to his mother: " Ma little brother came from heaven, idn't he?"
"Yes, dear." didn't he?"

" What is it, Johnny?" "I don't blame the angels for bouncing him, do you?"

Death makes a beautiful appeal to charity. When we look upon the dead form, so composed and still, the kindness and love that are in us all come forth.

Says Locke: "Intelligible discourses are spoiled by too much subtility in nice division."

SHE FOUND HIS FAULT .- Some persons conceptions of Christian conduct are as abourd as that of a very penurious old woman who was invited to tea at the home of a family with whom a very worthy and dearly beloved clergyman was staying. He was a man of remarkable purity of character and gentleness of manner, and was universally loved and respected. After tea he excused himself on account of a headache, and went to his own room. "Were you not greatly pleased with him?" asked, the lady of the house of this old lady, after the minister had retired. "Oh, purty well," was the doubtful reply. "I knew you would be," said the lady, warmly; he is one of the lovellest Christian characters I ever met," "But he ain't perfect," was the cold reply. "Oh, no, perhaps not; none of us are absolutely perfect, but I really think Mr. B-comes nearer perfection than any man I ever met in my life." "Well, that may be, yet he has his faults." "He has never revealed them here," said the lady, a little irritated; "and I am sure he would try very hard to overcome them if pointed out." Well," said the discoverer of faults, "everybody has their own way of thinkin', but when I see a man, as I saw that man to-night, put two heapin' teaspoons of sugar in one cup of tea, why, I've got my own idea 'bout his Christianity, now' that's what I have." "That is not a great fault," said the host. But the old lady shook her cap solemnly.-Arkansau

HE APPROVED OF THE TREATMENT .- Old Nelson Bettrage, while working in the woods was bitten by a rattlesnake. In much alarm and in great pain he ran to the house. A physician who happened to be near by was ummoned. "Old man," said the doctor, nothing but whiskey, and a great deal of it can do you any good." But, doctor, I am a temperance man; I haven't touched a drop uy liquor for thirty years." "All the better; the whiskey will have more effect." A boy who had been dispatched with a jug soon returned, and the old man, much against his will, began to drink whiskey. He was slow at first, but after a while he "swigged" it with the appetite of an old-timer. "Well. said the doctor, "you have had enough whis key now; don't drink any more." "Thin I've got er plenty?" "Yes, I know it." Don't yer think thar's er leetle of the pizen hangin' round the corners?" "No, I think you are all right." "Don't think that a leetle just ernuff uv it to bother me airter awhile has sorter settled down in my feet?" "No." "Wall, now, Dock, s'pose we take a drink just for good luck." "I tell you that you must not drink any more." The old fellow sighed, looked at the jug, and asked: "What's ecome uv the snake?" "One of the boys killed it," the doctor replied. "I'm sorry," said the old man. "Sorry! What for?" 'Cause I want it ter bite me again."-Ar ansaw Traveler.

EVERYBODY who has seen the Hon. Wm. M. Evarts, of New York, will remember his cadaverous appearance, for although a mar above the medium height, he will not weigh door-keepers says a few days ago a solid, sub stantial-looking farmer from the interior of New York State seated himself in the gentlemen's gallery and asked to have Mr. Evart pointed out to him. It was at the hour of noon and only a few members were in the chamber. Pretty soon Dan Voorhees emerge from the cloak-room and strode majestically to his seat.

"Is that Evarts?" exclaimed the old man enthusiastically.
"No," said the doorkeeper; "that is Mr

Voorhees, of Indiana." When General Logan a few minutes late entered the chamber and deposited an artiful of books upon his desk the old man ciuted ed

the doorkeeper excitedly and said: "That's him-that's the great Mr. Evarts ain't it?" Again the doorkeeper explained his error.

When Mr. Evarts did enter the old man looked at him long and earnestly. "By gosh!" said he in a commiserating tone, "I'll bet he boards."

THE PARSON FROM WAYBACK.-Clerical the languied hostess, as John tremb- stranger (from Wayback)—" Do you make a not been asked before; I will take pleasure in ecommodating you, though; are you reacher?" "You bet; I'm the parson of the Union Church at Wayback." "Ah, I see well, sir, I have a very nice frock-coat suit think will fit you; it's a regular preacher suit too." "Frock-coat, eh?" "Yes." "Tha means the sides come straight down?" "Yes." Well, I don't think that ere kind will do; I vant something like this." "A cut-away, eh? Yes, that's the name, now I remember. "But-what's your objection to a frock-coat!" Well, you see, the tails are in the way of the pistol-pocket?"-Omaha World.

> AN OLD DISEASE .- Parson Wangdooll Baxter, of the Austin Blue Light Tabernacle on arriving at his place of worship last Sur day morning was surprised to find nobody present but Sam Johnson, the sexton. "What de debble am de matter dat dars nobody heah?" "Dars nobody heah bekase dars a notice in de Freedman's Journal dat dar would be no service bekase ob de disunwellness ob de pasture." "Did dat fool nigger editor put dat notice in his paper for a fac'?" "He did dat." "Wall, I declare; I told him 'stinctly de notice ob my disunwellness'was intende for de Sunday arter nex'; he am a fool, et eber dar was one."-Texas Siftings.

A CRUEL WRETCH .- "How old would yo take me to be, Mr. Snooks?" she lisped, looking unutterable things at him.

"I dunno," he replied, twisting nervous! "I'm awfully old, I assure you. I've seen

23 summers." "Then you ought to wear glasses," he re plied earnestly. "Why, Mr. Snooks!" Glasses at twenty

hree?"

"Yes; your eyesight must be bad." "I'm sure I don't know why you should think so." she pouted. "Because I'm afraid about 20 summe

ave gone by that you haven't seen."

FOND FATHER-I believe my son is a born oet. Would you advise me to encourage Experienced Editor-Hum! Well, I can'

say. Why do you think he's a poet? F. F.—Oh, he goes about looking melancho and writing verses. E. E.—Probably he has some trouble wi

F. F.—Then, he doesn't eat anything. E. E'-Well, I believe you should encours

"You say your wife gets mad and raises

"You say your wife gets mad and raises a row."

"I should say she did. She makes enough fuss to run a train forty miles an hour. That's the way she's been doing all her life."

"But if you knew she was in the habit of getting mad why did you marry her?".

"Because if I had held back she would have got madder than ever. I did it to pacify her can't you see?"

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NEW ADVERTISEMENTS.



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"Well, old fellow, it is all settled. I am going to be married in two months. You will be one of the witnesses, I hope?" "Count upon me. I never desert a friend in misfor-tune."

A lady took her little boy to church for the first time. Upon hearing the organ he was on his feet instanter. "Sit down," said the mother. "I won't," he shouted, "I want to see the monkey." "Pants for two dollars," is the inscription

on a sign in front of one of the clothing stores. "So do I," remarked a hungry-look-ing tramp, who was rummaging through his pockets for a nickel. A reader interested in financial affairs writes to ask if the eight-hour day applies to promissory notes. It does not. It only means that if you begin early you can get off in time for the base-ball game.

The young lady having asked her Sunday school class what lesson was taught us by the parable of the wise and foolish virgins, one of the smallest girls answered: "That we should always be on the lookout for a bridegroom."

The water carts of Lowell are decorate The water carts of Lowell are decorated with patent medicine advertisements. An innocent Irishman from the rural districts looked at one the other day and remarked: "Faith, it's no wonder Lowell is healthy whin they wather the streets with Hood's Sarsaparilla."

"If I were as fat as you," said a western newspaper reporter to a local politician, who turned the scales at 350 pounds, and who had brusquely declined to be interviewed. "If I were as fat as you I'd die and give my heirs a chance to start a soap factory."

Mrs. Marrowfat had just finished reading an account of a Michigan girl who had drop-ped dead upon receiving an offer of marriage from a young man, when Miltiades quietly asked: "Mother, don't you suppose he knew it would kill her?" Two brothers who were very successful dentists, built a large and handsome house, the appearance of which was thought to resemble a large molar tooth. It was a common remark, "See what brothers can do when

Tommy (who had just received a severe scolding)—Am I really so bad, mamma?" Mamma—Yes, Tommy, you are a very bad boy. Tommy (reflectively)—Well, any way, mamma, I think you ought to be real darn glad I ain't twins!

American—How do you spell the name of the owner of the Galatea? Cockney—Why, with an H and a He and a Hen and a Hen, of course. American—With such a name as that, it is quite evident that he ought to com-mand a chicken coop.

"Yes," said the lady lecturer, "women have been wronged for ages; they have suffered in thousands of ways." "There's one way they never suffered in," said a henpecked husband, rising. "What is that?" demanded the lecturer. "They have never 'suffered in silence."

At one of the recent school examinations the scholars of the intermediate grade were required in physiology to locate the liver. Evidently they knew, for the answer of one girl was this: "The liver is situated south of the stomach and a little to the right of it." The question is ought she to be marked down on it?

Bachelor-What in the world are you hunt-Bachelor—What in the world are you hunting around on the carpet like that for? Benedict—I want a pin. Bachelor—Want a pin? Why don't you look on the pincushion then? Benedict (looking up in surprise from his search)—See here, old man, when you've been married as long as I have you will know where to look for a pin when you want

NEW ADVERTISEMENTS.

Rheumatism It is an established fact that Hood's Sar-

saparilla has proven an invaluable remedy in many severe cases of rheumatism, effecting remarkable cures by its powerful action in correcting the acidity of the blood, which is the cause of the disease, and purifying and enriching the vital fluid.

It is certainly fair to assume that what Hood's Sarsaparilla has done for others it will do for you. Therefore, if you suffer the pains and aches of rheumatism, give this potent remedy a fair trial. ing remarkable cures by its powerful action

A Positive Cure.

"I was troubled very much with rheumatism in my hips, ankles, and wrists. I could hardly walk, and was confined to my bed a good deal of the time. Being recommended to try Hood's Sarsaparilla, I took four bottles and am perfectly well. I cheerfully recommend Hood's Sarsaparilla as one of the best blood purifiers in the world." W. F. WOOD, Bloomington, Ill. For Twenty Years

I have been afflicted with rheumatism. Before 1883 I found no relief, but grew worse. I then began taking Hood's Barsaparilla, and it did me more good than all the other medicine I ever had." H. T. RALCOM, Shirley, Mass.

"I suffered from what the doctors called muscular rheumatism. I took Hood's Sarsaparilla and am entirely cured." J. V. A. PROUDFOOT, letter carrier, Chicago, Ill.

We shall be giad to send, free of charge, to all who may desire, a book containing many additional statements of cures by

Hood's Sarsaparilla Sold by all druggists. \$1; six for \$5. Made only by C. I. HOOD & CO., Lowell, Mass.

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ooseberries, S. Sond for Catalogue
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WORK POR ALL. 830 a week and ex-ponses paid. Valuable entit and particulars free. P. O. VIOKERY. Augusta, Maine.

STATE OF MICHIGAN.—In the Circuit Court for the County of Wayne. In Chaincery, William N. Carlisle vs. Hillon Carlisle.

Upon due proof by affidavit that Miles Carlisle.

Upon due proof by affidavit that Miles Carlisle, defondavit in the above-embitied seems paneling in this Court, resides out of the said State of Michigan and in one of the United States or Territoriea, and on motion of Sylvester Larned, Selicitors for the Complainant, it is ordered that the said Defendant do appear and answer the bill of complains filled in said cause within five months from the date of this order, else the said bill. of complains will be taken as confessed. And further that this order be published within twenty days from this dase in the MICHIGAN FARMER, a newapaper printed and published in the said County of Wayne, and be published corein once in each work for six weeks is successioned in the said county of wayne, and be published affected once in each work for six weeks is successioned in the said county of wayne, and be published shorter once in each work for six weeks is successioned in the said defendant personally at least twenty days before the time herein prescribed for her appearance.

Dated this 22d day of October, A. D. 1998.

Dated this 2id day of October, A. D. 1991.
WILLIAM JENNISON, Oliveit Judge.
A true copy. Attest.
JOHN MARSHALL, Deputy Register, cose



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SONGS 100 new and popular songs sent free to all who send 4 cents to pay postage. 100 places choice music 6 cents. Catalogue free. P. O. VIOKERT, Augusta, Maine.

On the Chicago & Grand Trunk, the fare from Port Huron and all stations up to Believue is \$5. From Battle Creek the fare is \$4 80, and is scaled down to \$2 85 from

On the Grand Trunk, from all station between Mt. Clemens and Fort Gratiot, the Air Line Division, between Rochester and Lennox, and between Pontiac and Stockbridge, the fare is \$5.

On the Port Huron & Northwestern Railway, the fare from Sand Beach is \$6 50, and varies from the different stations, according to distance. The excursion on the Toledo & Ann

Arbor starts from Mt. Pleasant, the fare being \$7 15, and is reduced from different points on the line. The Flint & Pere Marquette starts in at

Mt. Pleasant at \$7 65 and scales the fares down until Flint is reached, from which point the fare is \$5.

The Pontiac, Oxford & Port Austin Railway starts in at Caseville, at \$7, and reduces the fare at different points, until Oxford is reached, the fare being \$5 50 from that point.

The tickets will be good to return on all regular trains from Chicago, excepting train No. 3, on the Chicago & Grand Trunk, leaving Chicago at 3:25 P. M. Arrangements have been made for a suf

scient number of sleeping cars, but partie must procure berths in advance. This can be done by dropping a postal card to Ben Fletcher, Detroit, who will cheerfully furnish all information in regard to the trip.

International Bee-Keepers' Society. The 17th annual convention of this Se

ciety, which was this year held at Indian apolis, was not largely attended, owing partly to the early date and partly to the location of the meeting, as being too remote from bee-keeping centres. It had been thought the beekeepers of the South might attend if joint. Apply the blister recommended for a southernly point was selected, but not one was present. Only one Canadian apiaris, was on hand, most of the prominent Cana. dian members being absent attending the Colonial & Indian Exposition in England Many papers were sent by absentees, for the reading of which the Association did not seem profoundly pleased. The sessions were devoted to the usual discussions and papers. Pappers were read by C. P. Dadant, W. Z. Hutchinson, C. F. Muth, N. W. Mc-Lain, and others, who were present. C. C. Miller was elected President, W. Z. Hutchinsen Secretary, and C. F. Muth Treasurer. and a long list of vice-presidents. The Society adopted the following resolution at the

Resolved-That the Executive Committee topics; to have fewer and shorter essays; and to exclude, except in rare cases, papers written and forwarded by absentees.

Economy is Wealth.

Have our lady readers ever thought how much they can save by getting all the pat terns they wish to use during the year for nothing? This can be done by subscribing to DEMOREST'S MONTHLY—the finest and be family magazine in the world. Each numbe of this valuable magazine contains a coupo order entitling the holder to a pattern of any twenty cents for the last number and see for yourself. W. Jennings Demorest, 16 East

Peterinary Pepartment

Conducted by Prof. Robert Jennings, Veterinary Surgeon. Professional advice through the columns of the Michigan Farmer to all regular subscribers Free. The full name and address will be necessary that we may identify them as subscribers. The symptoms should be accurately described to ensure correct treatment. No questions answered professionally by mail unless accompanied by a fee of one dollar. Private address, No. 201 First St., Detroit, Mich.

Unsatisfactory Autopsy.

GREENVILLE, Oct. 3d, 1886.

Veterinary Editor Michigan Farmer. My bull was sick nearly four weeks before he died; he was red in color, three years old. nd would weigh about 1,800 pounds. The first I noticed was a frothing at the mouth and that he would not eat much; next an irritation in the hind legs and feet, and weakness in his hind parts. He kept getting very irritated, his skin was very red; end of tail became dead, and brush all came out. Hair came out on his knees and other rts of his body, and he refused to eat ything at all. He kept growing poor and aker for three weeks, when he died. After death the surgeon who doctored him opened him, finding nothing wrong with anything but his stomach. In that was hay that he had eaten for two weeks before; the inner linings and those small fibres we could pick to pieces with our fingers, they were so decayed. Can you tell what was the trouble?

J. E. C.

Answer .- We are always ready and willing to give professional advice to our subscribers through the veterinary column, (the heading of which they should read and then write for the information desired) when the symptoms peculiar to the various ses of our live stock are fairly given. We do not expect a professional description but not unfrequently we are left without a single mark to guide us in forming a correct diagnosis. The pathological de- and quoted at 3%@4%o for Catawbas; no Co

scription as above given does not aid us in Fletcher, the genial Traveling early stage of the disease we are inclined to @2 00 \$\pi\$ bu. for Michigan, and \$6 75@7 50 \$\pi\$ of the Detroit, Grand Haven & believe the animal had eaten some poisonou Milwaukee Railroad, has been giving his plant causing indigestion, followed by fever attention lately to the organizing of a in some form, probably of a low typhoid moth excursion to Chicago, during the character. We will be pleased to hear from

M. and the Chicago and Grand Trunk, Obscure Lameness in a Colt, Probably in the Fetlock

ALMONT. Oct. 25, 1886.

Veterinary Editor of the Michigan Farmer. higher than natural, stands with foot for throws her foot out. There is no soreness about the foot or leg that I can find; when the foot is raised level with the knee, then drawn out she will flinch, and when raised forward and up she will flinch. Her shoulder has shrunk at the top of the shoulder blade. I cun find no signs of fever anywhere. She has been kept for single drivthrows her foot out. where. She has been kept for single driv-ing and not been driven fast or hard; has done some light work on the farm; is shod with light plates; is in good condition and eats and feels well. I have had her examined by two horsemen who both call i

Answer. - We cannot locate the lamer from the symptoms as described. Sweenig is the natural result of chronic lamenes be it where it may, in either of the for legs. In such cases a good blister will de more good than Evinco or any other liniment. Apply the following: Bin-iodide hydrarg, one drachm; cosmoline, one ounce Mix well together and apply to the part well rubbed in with the fingers, once only. In a couple of days apply a little lard, when it dries rub the blistered surface gently with the halls of the fingers for about five minutes; then apply the lard again, repeating the operation in two or three days. When the scurf is all off and the hair well started, if lameness continues repeat the operation. Absolute rest is necessary to effect a cure.

Probably Lameness in the Fetlock Joint.

BRIGHTON, Oct. 29, 1886. Veterinary Editor of the Michigan Farmer. I will answer your questions as correctly as I can. The foot is not contracted; when I had the animal shod last I asked the blacksmith if there were corns or any thing wrong about the foot, and he said it was wrong about the foot, and he said it was in good shape. The hoof is soft and the frog is soft and spongy, and she lifts it closed from the ground when she walks, and carries it a little outward; she picks up her foot when she backs, but acts as if she hated to move her shoulder. I led her over a pole placed as high as her knee, she would bend her knee right back, but did not raise it much. When she stands in the stable she sets; if forward and out, but flat stable she sets it forward and out, but flat on the floor. On the shoulder blade there is a ridge, and if you follow that up to the top, that is where it is shrunk away.

Answer.—The symptoms as given in dicate the seat of lameness in your mare is below the knee joint, certainly not above it. Probably located within the fetlock obscure lameness in a colt, in this number

Commercial.

DETROIT WHOLESALE MARKET.

DETROIT, Nov. 2, 1886. FLOUR.-There has been a general reduction in values, and the market is quiet at the

decline. Quotations are as follows:

 Michigan white wheat, roller process\$8
 65
 @4

 Michigan white wheat, patents
 4
 25
 @4

 Minnesota, bakers
 3
 85
 @4

 Minnesota, patents
 4
 50
 @5

 Rye, Western
 3
 35
 @3

WHEAT .- The market yesterday opened steady, became firmer under reports of an improved shipping demand and a much smallcted. Prices closed steady at about the highest points reached, and both spot and futures showed an advance over Saturday's figures. Chicago and New York were both high. er. Latest sales were at the following range Spet wheat-No. 2 red, 771/4c; No. 1 white, 76c; No. 3 red, 76c. Futures-No. 2 red, No. vember, 763/c; December, 785/c; January, 80c;

May, 861/6c. No. 1 white, November, 753/4c. CORN.-Steady and unchanged. No. 2 is nov uoted at 38%c and No. 3 at 37%c. OATS .- Dull but steady, with No. 2 white

on track at 301/c; No. 2 mixed, 281/c; light mixed, 29c % bu. BARLEY.-Very dull. What little is moving sells at \$1 15 Weental for No. 2, and \$1 20

for No. 3 western RYE.-Offered at 50@52c W bu, for No. 2 vith very little demand.

FEED.-Bran is quoted at 10 50@10 75 per ton, and middlings at 11 00@14 00. Market

CLOVER SEED .- Market dull but steady. Prime spot is selling at \$4 40 P bu., and Deember delivery at \$4 47%.

BUTTER.-Yesterday there was a little beter tone to the market, and some sales of choice dairy were made at 18c, with most sales, however, ranging between 15@17c; ordinary is quiet at 12 to 14c. Creamery is steady

CHEESE,-Market quiet and steady. Michigan full creams, 111/@12c; New York, 121/c,

EGGS.-Market firm at 18@19c for fresh stock: pickled dull at 17c. APPLES .- Supply liberal; ordinary and good lots are worth 1 00@150 \$ bbl., and fancy

1 75 % bbl. Market dull. FOREIGN FRUITS.-Lemons, Messinas, oox, \$5 50@6 75; oranges, Messinas \$9 box, \$6 50@7 50; bananas, \$ bunch, \$1 75@2 50 for

yellow; cocoanuts \$ 100, \$6 00; Malaga grapes BRESWAX.—Steady at 22@30c W D., as to

nuality. HONEY.—Quoted at 11@13c # b. for com

and 10c for extracted. Supply large, with BEANS.-Market 'continues quiet but

steady. Stocks are light, and prices are firm at \$1 42 \$ bu. for new city picked mediums; new unpicked, 80c@\$1 10 P bu. BALED HAY.-New is quoted at 8 00@9 00

ton for clover, 1050@13 00 for No. 1 timothy, nd 9 00@10 50 for No. 2, in car lots. SAI/T.—Car lots, Michigan, 80c per bbl.

eastern, 95; dairy, \$2 10 per bbl, according to ze of sack; Ashton quarter sacks, 72c. POTATOES.—Market inactive; car lot quoted at 38@40c for Burbanks, and 35@37c for Rose. Store lots range from 40@45c \$ bu. CABBAGES.—In better demand since cool er weather set in. Shippers are paying \$1 75

@1\95 ¥ 100. ONIONS.-Market firm at \$302 10 W bbl. FRESH FRUIT.—Grapes are in large supply

unraveling the apparent mystery. In the | bbl. as to quality. Cranberries quoted at \$1 50

to per lb. for roosters, 6c for hens, 7c for ducks, 8c for turkeys, and 7c for spring chicks. Dressed quoted as follows: Chick ens, 8%@9c; turkeys, 11@12c; ducks, 9@10c cese, 8@9c. Receipts of live heavy; dresse are not so plenty and rule firm.

TIMOTHY SEED .- Selling from store i pagged lots at \$2 05@2 10 W bu. HIDES.—Green city, 6%0 9 b., country

7c; cured, 8@8%c; green calf, 8@9c; salted do 9@10c; sheep-skins, 50c@\$1 25; bulls, stag and grubby hides 1/4 off. PROVISIONS.-Market quiet, with

pork a little lower. No other changes. Quota tions here are as follows:

Choice bacon, & D..... Extra mess beef, per bbl. Tallow, & D.... HAY .- The following is a record of the

sales at the Michigan Avenue scales for th past week, with price per ton.

Monday—12 loads: Five at \$14; three at \$13; one at \$16, \$15, \$14 50 and \$11.

Tuesdap—30 loads: Five at \$15; four at \$14 50, \$14, \$18 50; three at \$13: two at \$12 50; one at \$15 50, \$13 25, \$12, \$11 50 and \$10.

Wednesday 25 loads: Ten at \$14; four at \$15; three at \$14 50, \$13 50 and \$13; one at \$12 and \$10 50. \$15; three at \$14 50, \$13 50 and \$13; one at \$12 and \$10 50.

Thursday—14 loads: Five at \$15; four at \$13; three at \$14; one at \$16 and \$14 50.

Friday—44 loads: Nine at \$14; six at \$15; four at \$14 50 and \$13; three at \$16 and \$13 50; two at \$12 50; one at \$12, \$11 50 and \$10.

Saturday—21 loads: Eight at \$14; four at \$15 and \$13 50; three at \$16 and \$13 50; three at \$16 and \$13 50; and \$13.

LIVE STOCK MARKETS.

[By telegraph.]

Below we give the latest reports from the live stock markets east and west for Monday Nov. 1st.

BUFFALO.-Cattle, receipts 1,140 head; ac ive and a shade higher; common to fair. \$3 50@4 25; good to choice shipping, \$4 35@ 4 85; extra steers, \$4 95@5 121/2; stockers and feeders in large supply; weak at \$2 50@3 75; veals quiet at \$6@7. Sheep, receipts, 2,200; in good demand at full prices: common to fair, \$2 75@3 25; good to choice, \$3 50@4; extra feeders, \$4 25@4 50; western lambs steady at \$4@5. Hogs, receipts, 11,700; price advanced 5@10c; mixed pigs and light York ers, \$4 25@4 35; selected Yorkers, \$4 40@4 50; elected medium weights, \$4 40@4 60. CHICAGO .- Cattle, receipts 2,000 head; mar

ket demoralized, 10@20c lower; shipping steers, 950 to 1,500 lbs, \$3 40@5 20; stockers and feeders, \$2@3 10, cows, bulls and mixed, \$1 25@2 75; bulk, \$2@2 40; through Texans \$2 25@3 05; western rangers dull; natives and half breeds, \$3@3 70; wintered Texans, \$2 75 @3 20. Hogs, receipts, 29,000; shipments, 13,000; market steady and strong; rough and mixed, \$3 60@4; packing and shipping, \$3 78 @4 10; light, \$3 60@4 05; skips, \$2 20@3 20.

The London cable reports best America steers 11 cents per pound dressed weight. the lowest price in fifty years, supply heavy:

At the Michigan Central Yards. Saturday, Oct. 30, 1886.

CATTLE. The offerings of cattle at these yards num

bered 1,095 head, against 895 head last week The receipts of Michigan cattle was larger than for several weeks past, and the attend ance of buyers better. The market opene opened up a little slow, but soon became quite active and for all classes of butchering cattle strong last week's prices were paid. Light steakers sold a shade lower, but others were unchanged, though dull. The following were the closing

QUOTATIONS:

Rich sold Reagan a mixed lot of 10 head of

bulls and a cow av 713 lbs at \$2.

Hodges sold Caplis a mixed lot of 9 head of thin butchers' stock av 934 lbs at \$2 40, and 4 av 862 lbs at \$2 30. McMillan sold Sullivan & Fa mixed lot of

Judson sold Phillips 25 good heifers av 867

lbs at \$3 40.

Desk sold Sullivan & Fa mixed lot of 17 head of fair butchers' stock av 825 lbs at

Ward sold Reagan a mixed lot of 11 head Ward sold Reagan a mixed lot of 11 head of thin butchers' stook av 643 lbs at \$2 45. Jenks sold McIntire 10 thin heifers av 566 lbs at \$2 35. Devine sold Sullivan & F 16 stockers av 735 lbs at \$2 30, and 14 thin ones to Reagan av

769 105 at \$2 50.

C Roe sold Marx a mixed lot of 6 head of fair butchers' stock av 900 lbs at \$3, and a coarse cow weighing 900 lbs at \$2.

McMillan sold Sullivan & F 5 stockers av

732 los at \$2 40.

Rich sold Sullivan & F 17 stockers av 630 lbs at \$2 20.

Wyman sold Sullivan & F 10 stockers av

Butler sold McIntire a mixed lot of 8 head of thin butchers' stock av 637 lbs at \$2 40. C Roe sold Switzer & Ackley 13 feeders av 988 lbs at \$3.

983 ibs at \$3.

Tabor sold Burt Spencer a mixed lot of 22 head of good butchers' stock av 950 ibs at \$3 25, less \$10 on the lot, and a bull weighing 840 ibs at \$1 50.

Deak sold Reagan a mixed lot of 9 head of coarse butchers' stock av 962 ibs at \$2 30, and 8 av 770 ibs at \$2.

C Ros sold Switzer & Ackley 11 stockers av

8 av 770 lbs at \$2. C Roe sold Switzer & Ackley 11 stockers av 785 lbs at \$2.90, and 9 av 666 lbs at \$2.50. Ward sold Sullivan & F 10 stockers av 568 Ward sold Sullivan & F 10 stockers av 558 ibs at \$2 20. Burdoin sold Marx a mixed lot of 10 head of thin butchers' stock av 695 lbs at \$2 60, and a coorse cow weighing 1,000 lbs at \$2. Jenks sold Sullivan & F 7 stockers av 653

bs at \$2 50. on sold Kammon a mixed lot of 27 lead of thin b

\$2 50.

C Roe sold McIntire a mixed lot of 5 head of fair butchers' stock av 900 lbs at \$3 12½, and a cow weighing 1,140 lbs at \$2 50.

Switzer & Ackley sold Marx a mixed lot of 10 head of fair butchers' stock av 863 lbs at

Beach sold Switzer & Ackley a mixed lot 19

The offerings of sheep numbered 4,629 against 6,668 last week. For feeders the de and was only moderate at prices 15@25 ents lower than those of last week, while SHEEP.—Receipts 39,600, against 39,200 the ommon sheep sold fully as high as one eek ago. The receipts all changed hands, and the market closed steady.

Edwards sold Downs 144 av 92 lbs at \$3 75. Estep sold Spicer 180 av 86 lbs at \$3 15.
Tabor sold Fitzpatrick 109 av 76 lbs at \$2 75.
McMullen sold Fitzpatrick 52 av 70 lbs at

32 25.
Patrick sold Downs 173 av 79 lbs at \$3,
Miller sold Downs 93 av 83 lbs at \$3 25.
Spicer sold Cross 48 av 85 lbs at \$3.
Jedele sold Young 60 av 81 lbs at \$2 20.
McMullen sold Downs 67 av 88 lbs at \$3. Larue sold Downs 98 av 87 lbs at \$3 25. Angell sold Gross 82 av 77 lbs at \$2 65. Milliken sold Farwell 109 av 80 lbs at \$

The offerings of hogs numbered 1,528 head, against 4,310 last week. The hog marke was somewhat demoralized, prices during th week having fell off at all points. The de mand here was only fair, and that at figures which insured a loss to the sellers. The ports from Buffalo were not encouraging to shippers, and finally the receipts were let go at a decline of 25@30 cents per hundred below the rates ruling last week. Of cours the hogs lost money for the drovers, but they ought not to complain, as it is about the only week this season that they have not paid out in very good shape.

Judson sold Monahan 26 av 196 lbs at \$3 60.
Dennis sold Monahan 22 av 157 lbs at \$3 15.
Allen sold Webb 66 av 233 lbs at \$3 65.
Wilcox sold Webb 19 av 165 lbs at \$3 75.
Gleason sold Bigley 115 av 232 lbs at \$3 75.
Micol sold Webb 48 av 151 lbs at \$3 60.
Rucker sold Webb 30 av 214 lbs at \$3 50. Groh sold Webb 16 av 270 lbs at \$3 55. Stead sold Switzer & Ackley 36 av 229 lbs at

Clark sold Swizer & Ackley 14 av 208 lbs at \$3 70. Merritt sold Sullivan & F 33 av 177 lbs at Angell sold Sullivan & F 32 av 200 lbs a

8 65. Nott sold Sullivan & F 53 av 219 lbs at \$3 75. C Roc sold Sullivan & F 31 av 222 lbs at \$3 75. Shafer sold Sullivan & F 50 av 230 lbs at \$3 70. King's Yards.

☐ Saturday, Oct. 30, 1886.

CATTLE. The market opened up at these yards with 771 head of cattle on sale. There was a fair attendance of buyers, and the light supply gave the market considerable strength. For butchers cattle there was a good demand at prices fully as high as those of last week, bu

stockers were a shade lower. Webb sold Kammon 4 thin heifers av 670 lbs at \$2 50, and a bull weighing 970 lbs at \$2. Ormiston sold Genther 4 fair butchers' steers av 902 lbs at \$3 50. av 830 lbs.at \$3 50. Simmons sold Rice 5 feeders av 854 lbs at

\$3, and 2 stockers av 775 lbs at \$2 25.

Haley sold J Wreford 8 good heifers av 750 D Sweet sold Rice 4 fair shipping steers av 1,110 lbs at \$3 75, and 2 stockers av 770 lbs at

Capwell sold Hersch 6 fair butchers' steers av 950 lbs at \$3 60, and 3 to J Wreford av 946 lbs at \$3 30. Haley sold Billkofski a good heifer weighing 980 lbs at \$3.60, one weighing 630 lbs at \$3.50, one weighing 630 lbs at \$3.50, and one weighing 910 lbs at \$3.55. Sweet sold J Wreford 3 good heifers av 880 lbs at \$2.40 Sweet sold lbs at \$3 40.

or sold McGee 4 thin heifers av 765 lbs at \$2 60. ons sold Ford 13 stockers av 670 lbs at \$2 70.

Simmons sold Ford 15 stockers av 6:0 los at \$2.70.

Capwell sold McGee å mixed lot of 11 head of fair butchers' stock av 793 lbs at \$2.75.

Sweet sold Fileschman a mixed lot of 6 head of coarse butchers' stock av 760 lbs at \$2.20.

Long sold Kraft 3 good butchers' steers av 1,023 lbs at \$3.75.

Purdy sold Heutter 4 fair butchers' helfers av 755 lbs at \$2.25.

Scanlon sold Kolb 6 fair butchers' steers av 846 lbs at \$3.50.

Wreford & Beck sold Brown 22 mixed westerns av 856 lbs at \$2.75.

Scanton sold Kammon a mixed lot of 16 head of fair butchers' stock av 853 lbs at \$3.

Beardslee sold Stonehouse a mixed lot of 18 head of fair butchers' stock av 751 lbs at \$3.

head of fair butchers' stock av 715 lbs at

head of fair butchers' stock av 715 lbs at \$2 85.

Church sold H Roe a mixed lot of 15 head of fair butchers' stock av 700 lbs at \$2 85.

Beardslee sold Stucker 4 thin heifers av 640 lbs at \$2 60. Parks sold Stonehouse a mixed lot of 6 head of fair butchers' stock av 945 lbs at \$2 80.

\$2 80.

Purdy sold McGee a mixed lot of 16 head of fair butchers' stock av 692 lbs at \$2 75, and 4 bulls av 755 lbs at \$2. SHEEP.

The offerings of sheep numbered 2,631 head. There was a fair demand for sheep from the local trade, and the receipts were taken at about last week's prices.

Webb sold Fitzpatrick 155, part lambs, av 65 lbs at 20 Capwell sold Wreford & Beck 118 av 78 Capwell soid Wreford & Beck 118 av 78 lbs at \$3. Beardslee sold Andrews 80 av 72 lbs at \$2.85.

Hagerman sold Morey 50 av 91 lbs at \$3 50. Beardslee sold Wreford & Beck 151 av 84 lbs at \$3 20. Church sold Morey 64, part lambs, av 71 Charles sold morey os., pare manns, av 11 bbs at \$3. Bird sold Fero 102 av 78 lbs at \$3.12½.
Wietzel sold Fero 89, part lambs, av 65 lbs at \$3.35e

Becker sold Long 200 av 81 lbs at \$3 25. Morris sold Morey 61 av 84 lbs at \$3 30.

The offerings of hogs numbered 810. The hog market was in poor shape for sellers. Buyers dropped prices 25@30 cents below last week's rates, and did not appear very anxious to invest even at the decline. Sellers could see no way of bettering themselves so they finally closed out at the prices offered.

Sweet sold Sullivan 24 av 182 lbs at \$3 50. Ormiston sold Williams 27 av 200 lbs at 3 673/4. McCafferty sold Rauss 78 av 230 lbs at \$3 65. Earl sold Sullivan 13 av 232 lbs at \$3 55. Lovewell sold Sullivan 49 av 202 lbs at

Simmons sold Sullivan 18 av 252 lbs 3 6b. Longcor sold Sullivan 66 av 202 lbs at \$3 60. Kalaher sold Sullivan 38 av 233 lbs at \$3 90. Shepard sold Sullivan 70 av 241 lbs at \$3 60. McHugh sold Rauss 46 av 232 lbs at \$4. Webb sold Sullivan 31 av 217 lbs at \$3 80. Hagerman sold Sullivan 31 av 202 lbs

Furdy sold R S Webb 22 av 256 lbs at \$4. Wietzel sold Rauss 17 av 217 lbs at \$3 60. Walls sold Bement 60 av 208 lbs at \$3 70.

Buffalo.

CATTLE.-Receipts 10,727, against 10,151 the previous week. The cattle market opened up on Monday with 287 head on sale. For the best grades prices ranged about the same a on the previous Monday, while common sold shade lower. The best steers on sale brought \$4 60@4 90, fair to good shippers, \$4@4 60, and butchers' steers of 1,000@1,100 lbs, \$3 50@4. Mixed butchers' stock common to good sold at \$3@3 50, and stockers at \$2 50@3. The receipts were very light on Tuesday and Wednesday, only 7 loads being received. The market ruled dull and slow without any change in prices. The following were the closing QUOTATIONS:

quality..... Butchers' Stock—Inferior to com-

Fat bulls, fair to extra..... 2 25@2 75 SEEE.—Receipts 39,600, against 39,200 the previous week. The offerings of sheep on Monday was made up of 75 car loads. The market was flat for all grades of butchering sheep, at a decline of .15@25 cents from the rates ruling the previous Monday. There was no improvement in the market on Tuesday and Wednesday. At the close common to fair sheep were quoted at \$2.75@3.40, and good to choice at \$3.50@4; a few selected feeders brought \$4.44.25; common to fair western lambs, \$4.25@4.50; good to choice, \$4.75@5.

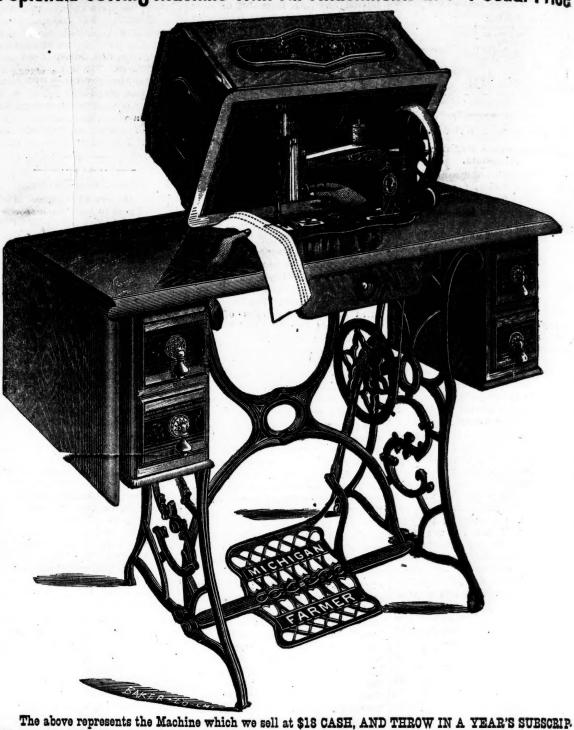
Hogs.—Receipts 93.600, against \$8.363.45.

\$4.75@5.

Hogs.—Receipts 93,600, against 86,363 the previous week. The supply of hogs on Mon-cay numbered 14,976. The market opened up fairly active at prices 10@15 cents lower

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5@10 cents on Tuesday, but fell back again on Wednesday, closing with pigs to good light mixed selling at \$3 50@4; good to choice selected medium weights, \$4 15@4 20, but with sales of a few extra at \$425; heavy ends,

CATTLE.—Receipts 48,493, against 42,011 last week. Shipments 13,900. There was 7,800 head of cattle on sale Monday. Good cattle were scarce, and the best sold 10@15 cents higher than on Saturday. Prime steers were quoted at \$5 35@5 50; choice, \$4 50@5 25; common to good butchers' steers, \$3@3 75, and inferior to choice cows, \$1 25@2 70. Prices declined 10@15 cents on Wednesday The market ruled steady on Thursday and Friday, closing on Saturday at the following QUOTATIONS:

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